



January 27, 2017

**Via Overnight Mail**

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RE: United States v. Continental Carbon Company, Consent Decree  
(Case # 5:15-cv-00290-F) - Semi-Annual Report Progress Report No. 4 - Period July 1,  
2016 through December 31, 2016

Dear Madam/Sir:

Continental Carbon Company ("CCC") hereby submits Semi-Annual Progress Report No. 4 ("Report") under Paragraph 53 of the Consent Decree ("Decree") in United States v. Continental Carbon Company to the persons listed above in accordance with Paragraph 104 of the Decree. The Decree directs CCC to provide information in this Report necessary to determine compliance with the Decree. This describes compliance as of December 31, 2016. The information is provided on Attachment A to this letter. In Accordance with the Decree requirements, I state as follows:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions please contact Todd Miller at (281) 647-3858.

Sincerely,

 1/27/2017  
Dennis J. Hetu

President, Continental Carbon Company

Attachments: (A), (B)

cc: Sam Boxerman, Sidley

**CONSENT DECREE (Case # 5:15-cv-00290-F)**

**Attachment A - SEMI-ANNUAL REPORT PROGRESS REPORT NO. 4**

**Period July 1, 2016 through December 31, 2016**

Requirement		Decree Provision	Location(s)	Report
<i>Consent Decree Effective Date: May 7, 2015</i>				
1	<b>DGS or WGS Design Specifications</b>	Section VI. Paragraph 18	Ponca City  Phenix City	<p>The design specifications for a DGS for the Ponca City facility was submitted to Plaintiffs by letter dated Oct. 2, 2015.</p> <p>Same Vendor and design criteria will apply to Phenix City. Vendor work in progress for fabrication and installation at Ponca City.</p>
2	<b>Particulate Monitor Systems</b>	Section VII. Paragraph 35  Section XIII. Paragraph 53(a)	Phenix City  Ponca City  Sunray	<p>PM Early Warning Systems were already installed at the Ponca City, Phenix City and Sunray plants. The PM Early Warning equipment was installed and operating by March 31, 2016 at the Sunray Plant.</p> <p>Recordkeeping and monitoring requirements are implemented at all locations.</p> <p>See Attachment B</p>



CONSENT DECREE (Case # 5:15-cv-00290-F)

Attachment A - SEMI-ANNUAL REPORT PROGRESS REPORT NO. 4

Period July 1, 2016 through December 31, 2016

Requirement		Decree Provision	Location(s)	Report
3	<p><b>Equipment: PM Early Warning System Action Level</b></p> <p>Each PM Monitor Point shall be set to a specific alarm action level, such that an alarm is triggered when the PM at a PM Point exceeds the normal range of PM according to the manufacturer's recommendations during operation of the Process System.</p>	<p>Appendix D Paragraph 2</p> <p>Section XIII. Paragraph 53(b)</p>	<p>Phenix City Ponca City Sunray</p>	<p>Alarm level baseline is set at 30% of scale at Phenix City (historic set point) and at 40% of scale at Ponca City and Sunray per manufacturer recommendations.</p> <p>CCC made a request to set the alarm levels at 50 percent for the reasons stated in the letter sent to the ODEQ, ADEM, and EPA on July 17, 2015. See Letter from T. Miller to EPA, ODEQ and ADEM (July 17, 2015). No response from EPA or Plaintiff Intervenors to date.</p>
4	<p><b>Equipment: PM Early Warning System Monitoring, Investigation, Recordkeeping, and Maintenance</b></p> <p>Implement Appendix D requirements by July 1, 2015 at Ponca City and Phenix City facilities, and March 31, 2016 at Sunray.</p>	<p>Appendix D</p> <p>Section XIII. Paragraph 53(b)</p>	<p>Phenix City Ponca City Sunray</p>	<p>Monitoring, investigation, recordkeeping and maintenance procedures in accordance with Appendix D requirements are continuing at Ponca City, Phenix City and Sunray facilities.</p> <p>All Plants perform Method 22's as defined in Paragraph 33.</p>



CONSENT DECREE (Case # 5:15-cv-00290-F)

Attachment A - SEMI-ANNUAL REPORT PROGRESS REPORT NO. 4

Period July 1, 2016 through December 31, 2016

Requirement		Decree Provision	Location(s)	Report
5	<b>Emission Standard Limits: SO<sub>2</sub></b>  Process carbon black feedstock with a sulfur content of no greater than 1.75 weight percent (wt. %) 30-Day Rolling Average Sulfur and 1.5% 365-Day Rolling Average Sulfur Content wt. %.	Section VI, Paragraph 21  Section XIII, Paragraph 53(b), (c), and (g).	Sunray	Sunray did not exceed the 1.75 weight percent (wt. %) 30-Day Rolling Average Sulfur or the 1.5% 365-Day Rolling Average Sulfur Content wt. % during the reporting period.
6	<b>Procedures: Best Management Plan</b>  Prepare and Implement a Particulate Emissions Best Management Practices (BMP) Control Plan within 60 days of Consent Decree entry date (Due July 7, 2015).	Section VIII. Paragraph 34  Section XIII. Paragraph 53(b)  Appendix C	Phenix City  Ponca City  Sunray	The provisions of Appendix C were implemented by June 30, 2015 at the Plants and the best practices continue to be followed.
7	<b>Stack Tests:</b>  A copy of the protocol for any PM stack tests performed in accordance with the requirements of Paragraph 32.	Section VIII. Paragraph 32  Section XIII. Paragraph 53(e)	Phenix City  Ponca City	None required during this reporting period post scrubber operation.

**CONSENT DECREE (Case # 5:15-cv-00290-F)**

**Attachment A - SEMI-ANNUAL REPORT PROGRESS REPORT NO. 4**

**Period July 1, 2016 through December 31, 2016**

Requirement		Decree Provision	Location(s)	Report
8	<p><b>PM Early Warning System Alarm Triggers</b></p> <p>All PM Early Warning System data collected, from the time a PM Early Warning System alarm is triggered until the PM Early Warning System data have returned to below the action levels triggering an alarm condition, and an explanation of any periods of PM Early Warning System Downtime</p>	<p>Section XIII.</p> <p>Paragraph 53(f)</p> <p>Appendix D</p>	<p>Phenix City</p> <p>Ponca City</p> <p>Sunray</p>	<p>See Attachment B for data related to each alarm event for each facility. With the exception of one brief period (approximately 30 minutes), none of the alarm events resulted in any visible emissions during Method 22 observations.</p> <p>The visible emissions incident occurred on Unit 3 EBF at the Sunray plant on December 15, 2016. The incident was quickly corrected by isolating a bag filter compartment. All requirements of Appendix D were followed for this incident.</p>
9	<p><b>Violations During Reporting Period</b></p> <p>A description of any potential violation of the requirements of this Consent Decree. If no violations occurred during a reporting period, a statement that no violations occurred.</p>	<p>Section XIII.</p> <p>Paragraph 53(g) and (h)</p>	<p>Phenix City</p> <p>Ponca City</p> <p>Sunray</p>	<p>No violations for the reporting period.</p>



**CONSENT DECREE (Case # 5:15-cv-00290-F)**

**Attachment A - SEMI-ANNUAL REPORT PROGRESS REPORT NO. 4**

**Period July 1, 2016 through December 31, 2016**

Requirement		Decree Provision	Location(s)	Report
10	<b>Permits</b>  A description of the status of any permit applications and any proposed SIP revisions required under this Consent Decree	Section XI.  Section XIII.  Paragraph 53(i)	Sunray  Ponca City  Phenix City	Sunray - Submitted permit application on June 29, 2015 for Waste Gas Boiler system to the TCEQ. Permit was issued on February 16, 2016.  Ponca City – Permit Application for Waste Gas Boiler, Cogen, and Scrubbers submitted to ODEQ on August 26, 2015. Permit was issued on April 27, 2016.  Phenix City – Permit application not submitted to date.
11	<b>Environmental Mitigation Projects</b>  A summary of all actions undertaken and Project Dollars expended during the reporting period, as well as any cumulative Project Dollars expended, and the estimated environmental benefits achieved to date in satisfaction of the Environmental Mitigation requirements.	Section XIII.  Paragraph 53(j)  Appendix A, Paragraphs B and C	Sunray  Ponca City  Phenix City	Sunray project approved, completed September 2015.  Ponca City project approved, completed August 12, 2015.  Phenix City project approved, completed September 20, 2016.  Formal letter of Closure of Mitigation Projects dated September 28, 2016 sent to Plaintiff and Plaintiff Intervenors September 29, 2016.



**CONSENT DECREE (Case # 5:15-cv-00290-F)**

**Attachment A - SEMI-ANNUAL REPORT PROGRESS REPORT NO. 4**

**Period July 1, 2016 through December 31, 2016**

Requirement		Decree Provision	Plant Location(s)	Report
12	<b>Engineering Projects: Progress of the control technologies</b>  A description of the progress of the construction of the Control Technologies	XIII, 53 (a)	Sunray	a) Boiler, piping, related equipment currently under construction. b) There are currently no indications that installation and commencement of operation may be delayed.
13	<b>Engineering Projects: Progress of the control technologies</b> A description of the progress of the construction of the Control Technologies	XIII, 53 (a)	Ponca City	a) Boiler, scrubbers, cogen on order, under construction or pending receipt at the Plant. b) There are currently no indications that installation and commencement of operation may be delayed.
14	<b>Engineering Projects: Progress of the control technologies</b>  A description of the progress of the construction of the Control Technologies	XIII, 53 (a)	Phenix City	a) Boiler and project in design process and procurement. b) There are currently no indications that installation and commencement of operation may be delayed.
16	<b>Progress of the CEMS</b>	XIII, 53 (a)	Sunray	a) Specified and ordered.
16	<b>Progress of the CEMS</b>	XIII, 53 (a)	Ponca City	a) Specified and ordered.
17	<b>Progress of the CEMS</b>	XIII, 53 (a)	Phenix City	a) Specified based on Ponca City system.

**ATTACHMENT B**  
**PARTICULATE MONITOR EARLY WARNING ALARM LOGS**  
**FOR**  
**PHENIX CITY PLANT**  
**PONCA CITY PLANT**  
**SUNRAY PLANT**

PHENIX CITY		Downtime Reason Codes: IC - Instrument Communication Error; SD - Server Down SD - Server Down		
Unit Number	Downtime Minutes for Quarter (July - Sept)	% Availability for Quarter	Downtime Minutes for Quarter (Oct - Dec)	% Availability for Quarter
U1MBF	106 minutes - SD	>95%	2 minutes - IC	>95%
U1EBF	233 minutes - IC	>95%	60 minutes - IC	>95%
U2MBF	90 minute - SD	>95%	23 minutes - SD	>95%
U2EBF	45 minutes - SD	>95%	1 minute - SD	>95%
U2PBF	85 minutes - SD	>95%	161 minutes - IC	>95%



# PHENIX CITY PLANT

Unit Number	Date/Time	Monitor Reading	Visible Emissions per Method 22?	Cause / Corrective Action
U1MBF	01-Jul-16 04:00:00	33	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 04:15:00	38	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 04:30:00	34	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 04:45:00	64	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 05:00:00	90	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 05:15:00	100	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 05:30:00	107	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 05:45:00	111	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 06:00:00	109	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 06:15:00	110	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 06:30:00	109	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 06:45:00	88	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 07:00:00	89	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 07:15:00	88	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 07:30:00	88	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 07:45:00	92	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 08:00:00	98	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 08:15:00	99	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 08:30:00	93	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 08:45:00	83	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 09:00:00	86	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 09:15:00	96	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 09:30:00	95	No	Isolated Bagfilter/Cleaned Lens
	01-Jul-16 09:45:00	60	No	Isolated Bagfilter/Cleaned Lens
	06-Jul-16 22:45:00	31	No	Isolated Bagfilter/Cleaned Lens
	06-Jul-16 23:00:00	30	No	Isolated Bagfilter/Cleaned Lens
	06-Jul-16 23:15:00	31	No	Isolated Bagfilter/Cleaned Lens
	06-Jul-16 23:45:00	30	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 00:00:00	37	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 00:15:00	31	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 00:45:00	34	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 01:00:00	33	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 01:15:00	30	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 02:15:00	31	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 03:00:00	30	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 03:30:00	31	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 04:00:00	33	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 04:15:00	35	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 04:30:00	33	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 05:00:00	36	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 05:15:00	37	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 05:30:00	32	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 05:45:00	34	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 06:00:00	30	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 06:15:00	33	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 06:30:00	35	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 06:45:00	39	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 07:00:00	35	No	Isolated Bagfilter/Cleaned Lens



	07-Jul-16 07:15:00	36	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 07:30:00	35	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 07:45:00	33	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 08:00:00	33	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 08:30:00	32	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 08:45:00	30	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 09:00:00	35	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 09:15:00	32	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 09:30:00	32	No	Isolated Bagfilter/Cleaned Lens
	07-Jul-16 09:45:00	33	No	Isolated Bagfilter/Cleaned Lens
	02-Aug-16 21:00:00	46	No	Startup
	02-Aug-16 21:15:00	48	No	Isolated Bagfilter
	02-Aug-16 21:30:00	56	No	Isolated Bagfilter
	02-Aug-16 21:45:00	59	No	Isolated Bagfilter
	02-Aug-16 22:00:00	59	No	Isolated Bagfilter
	02-Aug-16 22:15:00	61	No	Isolated Bagfilter
	02-Aug-16 22:30:00	64	No	Isolated Bagfilter
	02-Aug-16 22:45:00	64	No	Isolated Bagfilter
	02-Aug-16 23:00:00	66	No	Isolated Bagfilter
	02-Aug-16 23:15:00	72	No	Isolated Bagfilter
	02-Aug-16 23:30:00	82	No	Isolated Bagfilter
	02-Aug-16 23:45:00	76	No	Isolated Bagfilter
	03-Aug-16 00:00:00	74	No	Isolated Bagfilter
	03-Aug-16 00:15:00	78	No	Isolated Bagfilter
	03-Aug-16 00:30:00	76	No	Isolated Bagfilter
	03-Aug-16 00:45:00	74	No	Isolated Bagfilter
	03-Aug-16 01:00:00	76	No	Isolated Bagfilter
	03-Aug-16 01:15:00	74	No	Isolated Bagfilter
	03-Aug-16 01:30:00	75	No	Isolated Bagfilter
	03-Aug-16 01:45:00	69	No	Isolated Bagfilter
	03-Aug-16 02:00:00	66	No	Isolated Bagfilter
	03-Aug-16 02:15:00	71	No	Isolated Bagfilter
	03-Aug-16 02:30:00	71	No	Isolated Bagfilter
	03-Aug-16 02:45:00	75	No	Isolated Bagfilter
	03-Aug-16 03:00:00	74	No	Isolated Bagfilter
	03-Aug-16 03:15:00	81	No	Isolated Bagfilter
	03-Aug-16 03:30:00	86	No	Isolated Bagfilter
	03-Aug-16 03:45:00	82	No	Isolated Bagfilter
	03-Aug-16 04:00:00	45	No	Isolated Bagfilter
	20-Aug-16 03:15:00	30	No	Isolated Bagfilter
	20-Aug-16 04:00:00	31	No	Isolated Bagfilter
	20-Aug-16 13:45:00	31	No	Isolated Bagfilter
	21-Aug-16 08:00:00	31	No	Isolated Bagfilter
	21-Aug-16 17:15:00	31	No	Isolated Bagfilter
	29-Aug-16 06:15:00	31	No	Isolated Bagfilter
	29-Aug-16 06:30:00	31	No	Isolated Bagfilter
	01-Sep-16 16:30:00	31	No	Startup
	04-Sep-16 06:00:00	31	No	Monitor Drift / Self-Correction
	04-Sep-16 06:15:00	31	No	Monitor Drift / Self-Correction
	04-Sep-16 06:30:00	33	No	Monitor Drift / Self-Correction
	04-Sep-16 07:00:00	35	No	Monitor Drift / Self-Correction
	04-Sep-16 07:15:00	36	No	Monitor Drift / Self-Correction
	04-Sep-16 07:30:00	39	No	Monitor Drift / Self-Correction
	04-Sep-16 07:45:00	34	No	Monitor Drift / Self-Correction
	04-Sep-16 08:00:00	41	No	Monitor Drift / Self-Correction



	04-Sep-16 08:15:00	39	No	Monitor Drift / Self-Correction
	04-Sep-16 08:30:00	47	No	Monitor Drift / Self-Correction
	04-Sep-16 08:45:00	54	No	Monitor Drift / Self-Correction
	04-Sep-16 09:00:00	55	No	Monitor Drift / Self-Correction
	04-Sep-16 09:15:00	45	No	Monitor Drift / Self-Correction
	04-Sep-16 14:00:00	30	No	Monitor Drift / Self-Correction
	04-Sep-16 14:15:00	30	No	Monitor Drift / Self-Correction
	04-Sep-16 14:45:00	31	No	Monitor Drift / Self-Correction
	04-Sep-16 18:00:00	30	No	Monitor Drift / Self-Correction
	06-Sep-16 18:15:00	31	No	Monitor Drift / Self-Correction
	06-Sep-16 18:30:00	31	No	Monitor Drift / Self-Correction
	06-Sep-16 18:45:00	32	No	Monitor Drift / Self-Correction
	06-Sep-16 19:00:00	32	No	Monitor Drift / Self-Correction
	06-Sep-16 19:30:00	33	No	Monitor Drift / Self-Correction
	06-Sep-16 20:00:00	33	No	Monitor Drift / Self-Correction
	06-Sep-16 20:15:00	30	No	Monitor Drift / Self-Correction
	06-Sep-16 20:30:00	31	No	Monitor Drift / Self-Correction
	06-Sep-16 22:15:00	31	No	Monitor Drift / Self-Correction
	06-Sep-16 23:30:00	33	No	Monitor Drift / Self-Correction
	07-Sep-16 03:15:00	30	No	Monitor Drift / Self-Correction
	07-Sep-16 13:00:00	31	No	Monitor Drift / Self-Correction
	07-Sep-16 14:45:00	33	No	Monitor Drift / Self-Correction
	07-Sep-16 15:00:00	32	No	Monitor Drift / Self-Correction
	07-Sep-16 15:15:00	37	No	Monitor Drift / Self-Correction
	07-Sep-16 15:30:00	36	No	Monitor Drift / Self-Correction
	07-Sep-16 15:45:00	44	No	Monitor Drift / Self-Correction
	07-Sep-16 16:00:00	43	No	Monitor Drift / Self-Correction
	07-Sep-16 16:15:00	50	No	Monitor Drift / Self-Correction
	07-Sep-16 16:30:00	52	No	Monitor Drift / Self-Correction
	07-Sep-16 16:45:00	53	No	Monitor Drift / Self-Correction
	07-Sep-16 17:00:00	47	No	Monitor Drift / Self-Correction
	07-Sep-16 17:15:00	56	No	Monitor Drift / Self-Correction
	07-Sep-16 17:30:00	33	No	Monitor Drift / Self-Correction
	07-Sep-16 18:00:00	32	No	Monitor Drift / Self-Correction
	07-Sep-16 18:15:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 18:30:00	37	No	Monitor Drift / Self-Correction
	07-Sep-16 19:00:00	32	No	Monitor Drift / Self-Correction
	07-Sep-16 19:15:00	41	No	Monitor Drift / Self-Correction
	07-Sep-16 19:30:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 20:00:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 20:15:00	33	No	Monitor Drift / Self-Correction
	07-Sep-16 20:45:00	33	No	Monitor Drift / Self-Correction
	07-Sep-16 21:00:00	37	No	Monitor Drift / Self-Correction
	07-Sep-16 21:15:00	37	No	Monitor Drift / Self-Correction
	07-Sep-16 21:45:00	31	No	Monitor Drift / Self-Correction
	07-Sep-16 22:00:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 22:15:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 22:45:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 23:00:00	34	No	Monitor Drift / Self-Correction
	07-Sep-16 23:15:00	35	No	Monitor Drift / Self-Correction
	07-Sep-16 23:45:00	35	No	Monitor Drift / Self-Correction
	08-Sep-16 00:00:00	35	No	Monitor Drift / Self-Correction
	08-Sep-16 00:15:00	30	No	Monitor Drift / Self-Correction
	08-Sep-16 00:30:00	33	No	Monitor Drift / Self-Correction
	08-Sep-16 00:45:00	33	No	Monitor Drift / Self-Correction



	08-Sep-16 01:00:00	35	No	Monitor Drift / Self-Correction
	08-Sep-16 01:45:00	35	No	Monitor Drift / Self-Correction
	08-Sep-16 02:00:00	34	No	Monitor Drift / Self-Correction
	08-Sep-16 02:30:00	31	No	Monitor Drift / Self-Correction
	08-Sep-16 02:45:00	36	No	Monitor Drift / Self-Correction
	08-Sep-16 03:00:00	32	No	Monitor Drift / Self-Correction
	08-Sep-16 03:15:00	31	No	Monitor Drift / Self-Correction
	08-Sep-16 03:30:00	34	No	Monitor Drift / Self-Correction
	08-Sep-16 03:45:00	36	No	Monitor Drift / Self-Correction
	08-Sep-16 04:15:00	37	No	Monitor Drift / Self-Correction
	08-Sep-16 04:30:00	35	No	Monitor Drift / Self-Correction
	08-Sep-16 04:45:00	34	No	Monitor Drift / Self-Correction
	08-Sep-16 05:15:00	33	No	Monitor Drift / Self-Correction
	08-Sep-16 05:30:00	32	No	Monitor Drift / Self-Correction
	08-Sep-16 05:45:00	34	No	Monitor Drift / Self-Correction
	08-Sep-16 06:15:00	37	No	Monitor Drift / Self-Correction
	08-Sep-16 06:30:00	35	No	Monitor Drift / Self-Correction
	08-Sep-16 07:00:00	33	No	Monitor Drift / Self-Correction
	08-Sep-16 07:15:00	32	No	Monitor Drift / Self-Correction
	08-Sep-16 07:30:00	38	No	Monitor Drift / Self-Correction
	08-Sep-16 08:00:00	31	No	Monitor Drift / Self-Correction
	08-Sep-16 08:15:00	31	No	Monitor Drift / Self-Correction
	14-Sep-16 15:15:00	30	No	Monitor Drift / Self-Correction
	26-Sep-16 05:00:00	30	No	Monitor Drift / Self-Correction
	21-Oct-16 10:30:00	36	No	Monitor Drift / Self-Correction
	13-Dec-16 13:00:00	52	No	Startup
U1EBF	16-Jul-16 14:15:00	42	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 14:30:00	40	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 14:45:00	40	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 15:00:00	37	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 15:15:00	35	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 15:30:00	44	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 15:45:00	49	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 16:00:00	46	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 16:15:00	73	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 16:30:00	55	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 16:45:00	82	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 17:00:00	76	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 17:15:00	67	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 17:30:00	57	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 17:45:00	58	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 18:00:00	83	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 18:15:00	125	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 18:30:00	121	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 18:45:00	126	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 19:00:00	123	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 19:15:00	109	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 19:30:00	107	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 19:45:00	115	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 20:00:00	109	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 20:15:00	101	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 20:30:00	101	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 20:45:00	96	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 21:00:00	104	No	Purge air line repaired/Cleaned Lens



	16-Jul-16 21:15:00	106	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 21:30:00	99	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 21:45:00	98	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 22:00:00	91	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 22:15:00	86	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 22:30:00	72	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 22:45:00	95	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 23:00:00	89	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 23:15:00	93	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 23:30:00	101	No	Purge air line repaired/Cleaned Lens
	16-Jul-16 23:45:00	87	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 00:00:00	90	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 00:15:00	100	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 00:30:00	98	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 00:45:00	93	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 01:00:00	90	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 01:15:00	92	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 01:30:00	89	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 01:45:00	48	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 02:00:00	73	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 02:15:00	87	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 02:30:00	81	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 02:45:00	86	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 03:00:00	94	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 03:15:00	99	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 03:30:00	112	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 03:45:00	117	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 04:00:00	113	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 04:15:00	114	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 04:30:00	125	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 04:45:00	122	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 05:00:00	121	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 05:15:00	125	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 05:30:00	119	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 05:45:00	123	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 06:00:00	121	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 06:15:00	118	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 06:30:00	118	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 06:45:00	127	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 07:00:00	123	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 07:15:00	127	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 07:30:00	126	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 07:45:00	126	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 08:00:00	121	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 08:15:00	120	No	Purge air line repaired/Cleaned Lens
	17-Jul-16 08:30:00	40	No	Purge air line repaired/Cleaned Lens
	02-Aug-16 01:30:00	41	No	Monitor Drift / Self-Correction
	02-Aug-16 01:45:00	34	No	Monitor Drift / Self-Correction
	02-Aug-16 02:15:00	34	No	Monitor Drift / Self-Correction
	02-Aug-16 02:30:00	30	No	Monitor Drift / Self-Correction
	02-Aug-16 02:45:00	31	No	Monitor Drift / Self-Correction
	02-Aug-16 08:30:00	31	No	Monitor Drift / Self-Correction
	19-Oct-16 13:30:00	31	No	Startup
	19-Oct-16 13:45:00	36	No	Valve repaired/Cleaned Lens
	19-Oct-16 14:00:00	41	No	Valve repaired/Cleaned Lens



	19-Oct-16 14:15:00	46	No	Valve repaired/Cleaned Lens
	19-Oct-16 14:30:00	42	No	Valve repaired/Cleaned Lens
	19-Oct-16 14:45:00	39	No	Valve repaired/Cleaned Lens
	19-Oct-16 15:00:00	36	No	Valve repaired/Cleaned Lens
	19-Oct-16 15:15:00	34	No	Valve repaired/Cleaned Lens
	19-Oct-16 15:30:00	43	No	Valve repaired/Cleaned Lens
	19-Oct-16 15:45:00	37	No	Valve repaired/Cleaned Lens
	19-Oct-16 16:00:00	38	No	Valve repaired/Cleaned Lens
	19-Oct-16 16:15:00	39	No	Valve repaired/Cleaned Lens
	19-Oct-16 16:30:00	41	No	Valve repaired/Cleaned Lens
	19-Oct-16 16:45:00	43	No	Valve repaired/Cleaned Lens
	19-Oct-16 17:00:00	44	No	Valve repaired/Cleaned Lens
	19-Oct-16 17:15:00	44	No	Valve repaired/Cleaned Lens
	19-Oct-16 17:30:00	45	No	Valve repaired/Cleaned Lens
	19-Oct-16 17:45:00	46	No	Valve repaired/Cleaned Lens
	19-Oct-16 18:00:00	46	No	Valve repaired/Cleaned Lens
	19-Oct-16 18:15:00	47	No	Valve repaired/Cleaned Lens
	19-Oct-16 18:30:00	47	No	Valve repaired/Cleaned Lens
	19-Oct-16 18:45:00	48	No	Valve repaired/Cleaned Lens
	19-Oct-16 19:00:00	48	No	Valve repaired/Cleaned Lens
	19-Oct-16 19:15:00	49	No	Valve repaired/Cleaned Lens
	19-Oct-16 19:30:00	48	No	Valve repaired/Cleaned Lens
	19-Oct-16 19:45:00	47	No	Valve repaired/Cleaned Lens
	19-Oct-16 20:00:00	48	No	Valve repaired/Cleaned Lens
	19-Oct-16 20:15:00	48	No	Valve repaired/Cleaned Lens
	19-Oct-16 20:30:00	49	No	Valve repaired/Cleaned Lens
	19-Oct-16 20:45:00	47	No	Valve repaired/Cleaned Lens
	20-Oct-16 07:30:00	32	No	Valve repaired/Cleaned Lens
	20-Oct-16 08:00:00	35	No	Valve repaired/Cleaned Lens
	31-Oct-16 04:30:00	36	No	Monitor Drift / Self-Correction
	12-Dec-16 18:45:00	110	No	Fan Shutdown
	13-Dec-16 13:00:00	77	No	Cleaned Lens
	13-Dec-16 13:15:00	76	No	Cleaned Lens
	13-Dec-16 13:30:00	77	No	Cleaned Lens
	13-Dec-16 13:45:00	33	No	Cleaned Lens
	13-Dec-16 14:00:00	76	No	Cleaned Lens
	13-Dec-16 14:15:00	83	No	Cleaned Lens
	13-Dec-16 14:30:00	109	No	Cleaned Lens
	13-Dec-16 14:45:00	116	No	Cleaned Lens
	13-Dec-16 15:00:00	110	No	Cleaned Lens
	13-Dec-16 15:15:00	110	No	Cleaned Lens
	13-Dec-16 15:30:00	113	No	Cleaned Lens
	13-Dec-16 15:45:00	115	No	Cleaned Lens
	13-Dec-16 16:00:00	113	No	Cleaned Lens
	13-Dec-16 16:15:00	84	No	Cleaned Lens
	13-Dec-16 16:30:00	91	No	Cleaned Lens
	13-Dec-16 16:45:00	88	No	Cleaned Lens
	13-Dec-16 17:00:00	45	No	Cleaned Lens
	13-Dec-16 19:00:00	76	No	Cleaned Lens
	13-Dec-16 19:15:00	52	No	Cleaned Lens
	15-Dec-16 01:45:00	66	No	Cleaned Lens
	15-Dec-16 02:00:00	59	No	Cleaned Lens
	15-Dec-16 02:15:00	48	No	Cleaned Lens
	15-Dec-16 02:30:00	38	No	Cleaned Lens
	15-Dec-16 02:45:00	32	No	Cleaned Lens



	15-Dec-16 03:00:00	30	No	Cleaned Lens
	15-Dec-16 03:15:00	31	No	Cleaned Lens
	15-Dec-16 03:30:00	32	No	Cleaned Lens
	15-Dec-16 03:45:00	31	No	Cleaned Lens
	15-Dec-16 05:00:00	33	No	Cleaned Lens
	15-Dec-16 05:15:00	40	No	Cleaned Lens
	15-Dec-16 05:30:00	62	No	Cleaned Lens
	15-Dec-16 05:45:00	36	No	Cleaned Lens
	15-Dec-16 14:30:00	38	No	Cleaned Lens
	15-Dec-16 15:30:00	31	No	Cleaned Lens
U2MBF	06-Aug-16 01:15:00	36	No	Monitor Drift / Self-Correction
	06-Aug-16 01:30:00	39	No	Monitor Drift / Self-Correction
	21-Nov-16 11:30:00	34	No	High MBF inlet pressure
	21-Nov-16 12:15:00	30	No	High MBF inlet pressure
	21-Nov-16 13:15:00	30	No	High MBF inlet pressure
	21-Nov-16 13:30:00	33	No	High MBF inlet pressure
	21-Nov-16 14:30:00	30	No	High MBF inlet pressure
	23-Nov-16 10:00:00	30	No	High MBF inlet pressure
	24-Nov-16 09:00:00	30	No	High MBF inlet pressure
	24-Nov-16 09:15:00	33	No	High MBF inlet pressure
	24-Nov-16 09:30:00	30	No	High MBF inlet pressure
	24-Nov-16 10:15:00	31	No	High MBF inlet pressure
	24-Nov-16 10:30:00	30	No	High MBF inlet pressure
	24-Nov-16 11:15:00	36	No	High MBF inlet pressure
	24-Nov-16 11:30:00	37	No	High MBF inlet pressure
	24-Nov-16 11:45:00	31	No	High MBF inlet pressure
	24-Nov-16 12:30:00	32	No	High MBF inlet pressure
	24-Nov-16 12:45:00	33	No	High MBF inlet pressure
	24-Nov-16 13:30:00	33	No	High MBF inlet pressure
	24-Nov-16 13:45:00	33	No	High MBF inlet pressure
	24-Nov-16 14:45:00	32	No	High MBF inlet pressure
	24-Nov-16 15:00:00	31	No	High MBF inlet pressure
	24-Nov-16 15:45:00	31	No	High MBF inlet pressure
	24-Nov-16 16:00:00	32	No	High MBF inlet pressure
	24-Nov-16 20:30:00	30	No	High MBF inlet pressure
	24-Nov-16 21:30:00	31	No	High MBF inlet pressure
	24-Nov-16 22:30:00	31	No	High MBF inlet pressure
	24-Nov-16 22:45:00	31	No	High MBF inlet pressure
	24-Nov-16 23:30:00	32	No	High MBF inlet pressure
	24-Nov-16 23:45:00	32	No	High MBF inlet pressure
	27-Nov-16 08:15:00	32	No	High MBF inlet pressure
	27-Nov-16 08:30:00	34	No	High MBF inlet pressure
	27-Nov-16 09:00:00	36	No	Unit shut down
	04-Dec-16 13:00:00	34	No	Isolate Bagfilter
	04-Dec-16 13:30:00	35	No	Isolate Bagfilter
	04-Dec-16 13:45:00	43	No	Isolate Bagfilter
	04-Dec-16 14:00:00	50	No	Isolate Bagfilter
	04-Dec-16 14:15:00	35	No	Isolate Bagfilter
	04-Dec-16 14:30:00	43	No	Isolate Bagfilter
	07-Dec-16 14:45:00	37	No	Isolate Bagfilter
	07-Dec-16 15:00:00	68	No	Isolate Bagfilter
	07-Dec-16 15:15:00	42	No	Isolate Bagfilter
	07-Dec-16 15:45:00	34	No	Isolate Bagfilter
	07-Dec-16 16:00:00	37	No	Isolate Bagfilter



	07-Dec-16 16:15:00	61	No	Isolate Bagfilter
	07-Dec-16 16:30:00	39	No	Isolate Bagfilter
	07-Dec-16 16:45:00	32	No	Isolate Bagfilter
	08-Dec-16 10:30:00	41	No	Isolate Bagfilter
	11-Dec-16 12:15:00	42	No	Isolate Bagfilter
	11-Dec-16 12:30:00	53	No	Isolate Bagfilter
	11-Dec-16 12:45:00	68	No	Reduced air load
	11-Dec-16 13:00:00	35	No	Reduced air load
	11-Dec-16 13:15:00	64	No	Reduced air load
	11-Dec-16 13:30:00	58	No	Reduced air load
	11-Dec-16 13:45:00	65	No	Reduced air load
	11-Dec-16 14:00:00	45	No	Reduced air load
	11-Dec-16 14:15:00	86	No	Reduced air load
	11-Dec-16 14:30:00	77	No	Reduced air load
	11-Dec-16 14:45:00	67	No	Reduced air load
	11-Dec-16 15:00:00	53	No	Reduced air load
	11-Dec-16 15:15:00	88	No	Reduced air load
	11-Dec-16 15:30:00	79	No	Reduced air load
	11-Dec-16 15:45:00	65	No	Reduced air load
	11-Dec-16 16:00:00	53	No	Cleaned Lens
	11-Dec-16 16:15:00	74	No	Cleaned Lens
	11-Dec-16 18:00:00	31	No	Cleaned Lens
	11-Dec-16 18:45:00	31	No	Cleaned Lens
	11-Dec-16 19:15:00	32	No	Cleaned Lens
	11-Dec-16 20:00:00	31	No	Cleaned Lens
	11-Dec-16 20:15:00	32	No	Cleaned Lens
	11-Dec-16 20:30:00	35	No	Cleaned Lens
	11-Dec-16 21:00:00	33	No	Cleaned Lens
	11-Dec-16 21:15:00	33	No	Cleaned Lens
	11-Dec-16 21:30:00	35	No	Cleaned Lens
	11-Dec-16 21:45:00	30	No	Cleaned Lens
	11-Dec-16 22:00:00	33	No	Cleaned Lens
	11-Dec-16 22:15:00	36	No	Cleaned Lens
	11-Dec-16 22:30:00	37	No	Cleaned Lens
	11-Dec-16 22:45:00	33	No	Cleaned Lens
	11-Dec-16 23:00:00	31	No	Cleaned Lens
	11-Dec-16 23:30:00	30	No	Cleaned Lens
	12-Dec-16 00:30:00	31	No	Isolate Bagfilter
	12-Dec-16 16:15:00	38	No	Isolate Bagfilter
	16-Dec-16 02:00:00	79	No	Isolate Bagfilter
	24-Dec-16 14:15:00	39	No	Isolate Bagfilter
	24-Dec-16 14:30:00	46	No	Isolate Bagfilter
	24-Dec-16 14:45:00	37	No	Isolate Bagfilter
	24-Dec-16 15:00:00	39	No	Isolate Bagfilter
	24-Dec-16 15:15:00	43	No	Isolate Bagfilter
	24-Dec-16 15:30:00	33	No	Isolate Bagfilter
	24-Dec-16 15:45:00	44	No	Isolate Bagfilter
	24-Dec-16 16:00:00	45	No	Isolate Bagfilter
	24-Dec-16 16:15:00	48	No	Isolate Bagfilter
	24-Dec-16 16:30:00	32	No	Isolate Bagfilter
	24-Dec-16 16:45:00	43	No	Isolate Bagfilter
	24-Dec-16 17:00:00	41	No	Isolate Bagfilter
	24-Dec-16 17:15:00	45	No	Isolate Bagfilter
	24-Dec-16 17:30:00	45	No	Isolate Bagfilter
	24-Dec-16 17:45:00	38	No	Isolate Bagfilter



	24-Dec-16 18:00:00	49	No	Isolate Bagfilter
	24-Dec-16 18:15:00	49	No	Isolate Bagfilter
	24-Dec-16 18:30:00	46	No	Isolate Bagfilter
	24-Dec-16 18:45:00	37	No	Isolate Bagfilter
	24-Dec-16 19:00:00	45	No	Isolate Bagfilter
	24-Dec-16 19:15:00	41	No	Isolate Bagfilter
	24-Dec-16 19:30:00	39	No	Isolate Bagfilter
	24-Dec-16 19:45:00	41	No	Isolate Bagfilter
	24-Dec-16 20:15:00	41	No	Isolate Bagfilter
	24-Dec-16 20:30:00	40	No	Isolate Bagfilter
	24-Dec-16 20:45:00	45	No	Isolate Bagfilter
	24-Dec-16 21:00:00	43	No	Isolate Bagfilter
	24-Dec-16 21:15:00	45	No	Isolate Bagfilter
	24-Dec-16 21:30:00	48	No	Isolate Bagfilter
	24-Dec-16 21:45:00	45	No	Isolate Bagfilter
	24-Dec-16 22:00:00	52	No	Isolate Bagfilter
	24-Dec-16 22:15:00	46	No	Isolate Bagfilter
	24-Dec-16 22:30:00	50	No	Isolate Bagfilter
	27-Dec-16 15:15:00	57	No	Isolate Bagfilter
	27-Dec-16 15:30:00	45	No	Isolate Bagfilter
	29-Dec-16 18:00:00	32	No	Isolate Bagfilter
	29-Dec-16 22:45:00	36	No	Isolate Bagfilter
	29-Dec-16 23:00:00	31	No	Isolate Bagfilter
	30-Dec-16 06:45:00	31	No	Isolate Bagfilter
	30-Dec-16 07:30:00	30	No	Isolate Bagfilter
	30-Dec-16 07:45:00	34	No	Isolate Bagfilter
	30-Dec-16 08:00:00	30	No	Isolate Bagfilter
	30-Dec-16 08:45:00	31	No	Isolate Bagfilter
	30-Dec-16 10:15:00	36	No	Isolate Bagfilter
	30-Dec-16 11:00:00	34	No	Isolate Bagfilter
	30-Dec-16 11:15:00	32	No	Isolate Bagfilter
	30-Dec-16 12:15:00	34	No	Isolate Bagfilter
U2EBF	25-Oct-16 05:30:00	31	No	Monitor Drift / Self-Correction
U2PBF	06-Oct-16 00:00:00	62	No	Reduced air load
	06-Oct-16 00:15:00	91	No	Reduced air load
	06-Oct-16 00:30:00	100	No	Reduced air load
	06-Oct-16 00:45:00	122	No	Reduced air load
	06-Oct-16 01:00:00	106	No	Reduced air load
	06-Oct-16 01:15:00	68	No	Shut unit down
	15-Nov-16 04:30:00	35	No	Cleaned Lens
	15-Nov-16 04:45:00	44	No	Cleaned Lens
	15-Nov-16 05:00:00	42	No	Cleaned Lens
	15-Nov-16 05:15:00	40	No	Cleaned Lens
	15-Nov-16 05:30:00	40	No	Cleaned Lens
	15-Nov-16 05:45:00	38	No	Cleaned Lens
	15-Nov-16 06:00:00	42	No	Cleaned Lens
	15-Nov-16 06:15:00	42	No	Cleaned Lens
	15-Nov-16 06:30:00	47	No	Cleaned Lens
	15-Nov-16 06:45:00	45	No	Cleaned Lens
	15-Nov-16 07:00:00	41	No	Cleaned Lens
	15-Nov-16 07:15:00	47	No	Cleaned Lens
	15-Nov-16 07:30:00	59	No	Cleaned Lens
	15-Nov-16 07:45:00	60	No	Cleaned Lens



[illegible]



[illegible]



[illegible]



[illegible]



[illegible]

	28-Nov-16 08:00:00	50	No	Purge Air Line Issue / Cleaned Lens
	28-Nov-16 08:15:00	47	No	Purge Air Line Issue / Cleaned Lens
	28-Nov-16 08:30:00	50	No	Purge Air Line Issue / Cleaned Lens
	03-Dec-16 07:30:00	80	No	Unit shutdown
	03-Dec-16 07:45:00	69	No	Unit shutdown
	04-Dec-16 02:00:00	33	No	Unit shutdown
	04-Dec-16 14:30:00	79	No	Unit shutdown
	04-Dec-16 16:45:00	129	No	Unit shutdown
	04-Dec-16 17:00:00	128	No	Unit shutdown
	04-Dec-16 17:15:00	119	No	Unit shutdown
	04-Dec-16 17:30:00	99	No	Unit shutdown
	05-Dec-16 02:15:00	90	No	Unit shutdown
	05-Dec-16 02:30:00	56	No	Unit shutdown
	05-Dec-16 02:45:00	107	No	Unit shutdown



PONCA CITY		Downtime Reason Codes: IC - Instrument Communication Error; SD - Server Down		
Unit Number	Downtime Minutes for Quarter (July - Sept)	% Availability for Quarter	Downtime Minutes for Quarter (Oct - Dec)	% Availability for Quarter
U1MBF	0 minutes	>95%	0 minutes	>95%
U1EBF	0 minutes	>95%	0 minutes	>95%
U2MBF	0 minutes	>95%	0 minutes	>95%
U2EBF	0 minutes	>95%	0 minutes	>95%
U3MBF	0 minutes	>95%	0 minutes	>95%
U3EBF	0 minutes	>95%	0 minutes	>95%
U3PBF	0 minutes	>95%	0 minutes	>95%
U4MBF	0 minutes	>95%	0 minutes	>95%
U4EBF	0 minutes	>95%	0 minutes	>95%

# PONCA CITY PLANT

Unit Number	Date/Time	Monitor Reading	Visible Emissions per Method 22?	Cause / Corrective Action
U1MBF	24-Aug-16 02:15:00	50	No	Cleaned Lens
	24-Aug-16 02:30:00	40	No	Isolated compartments
	24-Aug-16 02:45:00	49	No	Isolated compartments
	24-Aug-16 03:15:00	45	No	Isolated compartments
	24-Aug-16 04:00:00	41	No	Isolated compartments
	24-Aug-16 05:00:00	46	No	Isolated compartments
	24-Aug-16 05:15:00	52	No	Isolated compartments
	24-Aug-16 05:30:00	46	No	Isolated compartments
	24-Aug-16 06:15:00	48	No	Isolated compartments
	24-Aug-16 07:00:00	43	No	Isolated compartments
	24-Aug-16 07:15:00	46	No	Calibration
	24-Aug-16 08:00:00	44	No	Calibration
	24-Aug-16 09:00:00	49	No	Calibration
	24-Aug-16 09:15:00	50	No	Calibration
	24-Aug-16 09:30:00	58	No	Calibration
	24-Aug-16 09:45:00	48	No	Calibration
	24-Aug-16 10:45:00	42	No	Calibration
	24-Aug-16 11:45:00	45	No	Calibration
	24-Aug-16 12:15:00	55	No	Calibration
	24-Aug-16 12:45:00	44	No	Calibration
	24-Aug-16 13:00:00	49	No	Calibration
	24-Aug-16 13:15:00	48	No	Calibration
	24-Aug-16 13:30:00	41	No	Calibration
	24-Aug-16 13:45:00	44	No	Calibration
	24-Aug-16 14:15:00	41	No	Calibration
	24-Aug-16 20:45:00	42	No	Isolated compartments
	24-Aug-16 21:00:00	45	No	Isolated compartments
	24-Aug-16 21:15:00	52	No	Isolated compartments
	24-Aug-16 21:30:00	52	No	Isolated compartments
	24-Aug-16 22:15:00	47	No	Isolated compartments
	24-Aug-16 22:30:00	44	No	Isolated compartments
	24-Aug-16 22:45:00	60	No	Isolated compartments
	24-Aug-16 23:15:00	49	No	Isolated compartments
	24-Aug-16 23:45:00	52	No	Isolated compartments
	25-Aug-16 00:00:00	44	No	Isolated compartments
	25-Aug-16 00:15:00	48	No	Isolated compartments
	25-Aug-16 01:00:00	48	No	Isolated compartments
	25-Aug-16 01:15:00	44	No	Isolated compartments
	25-Aug-16 01:30:00	57	No	Isolated compartments
	25-Aug-16 01:45:00	52	No	Isolated compartments
	25-Aug-16 02:15:00	50	No	Isolated compartments
	25-Aug-16 02:45:00	51	No	Isolated compartments
	25-Aug-16 03:45:00	42	No	Isolated compartments
	25-Aug-16 08:15:00	42	No	Isolated compartments
	25-Aug-16 08:45:00	44	No	Isolated compartments
	25-Aug-16 09:15:00	49	No	Isolated compartments
	25-Aug-16 09:30:00	41	No	Isolated compartments



	25-Aug-16 13:45:00	78	No	Isolated compartments
	25-Aug-16 14:00:00	61	No	Isolated compartments
	28-Oct-16 11:15:00	45	No	Startup
	13-Nov-16 05:45:00	42	No	Isolated compartments
U1EBF	07-Oct-16 23:00:00	43	No	Cleaned Lens
	07-Oct-16 23:15:00	42	No	Cleaned Lens
	07-Oct-16 23:30:00	44	No	Cleaned Lens
	07-Oct-16 23:45:00	44	No	Cleaned Lens
	12-Oct-16 10:45:00	41	No	Cleaned Lens
	20-Oct-16 03:45:00	41	No	Cleaned Lens
	20-Oct-16 06:00:00	43	No	Cleaned Lens
	20-Oct-16 06:15:00	45	No	Cleaned Lens
	20-Oct-16 06:30:00	44	No	Cleaned Lens
	20-Oct-16 06:45:00	46	No	Cleaned Lens
	20-Oct-16 07:00:00	44	No	Cleaned Lens
	20-Oct-16 07:15:00	42	No	Cleaned Lens
	20-Oct-16 07:30:00	47	No	Cleaned Lens
	20-Oct-16 07:45:00	52	No	Cleaned Lens
	20-Oct-16 08:00:00	48	No	Cleaned Lens
	20-Oct-16 08:15:00	53	No	Cleaned Lens
	20-Oct-16 08:30:00	46	No	Cleaned Lens
U2MBF	24-Aug-16 01:15:00	41	No	Isolated compartments
	24-Aug-16 01:30:00	42	No	Isolated compartments
	24-Aug-16 01:45:00	59	No	Isolated compartments
	24-Aug-16 02:00:00	51	No	Isolated compartments
	24-Aug-16 02:15:00	55	No	Isolated compartments
	24-Aug-16 02:30:00	59	No	Isolated compartments
	24-Aug-16 02:45:00	67	No	Isolated compartments
	24-Aug-16 03:00:00	57	No	Isolated compartments
	24-Aug-16 03:15:00	58	No	Isolated compartments
	24-Aug-16 03:30:00	63	No	Isolated compartments
	24-Aug-16 03:45:00	40	No	Isolated compartments
	24-Aug-16 20:45:00	44	No	Isolated compartments
	24-Aug-16 21:15:00	42	No	Isolated compartments
	24-Aug-16 21:30:00	46	No	Isolated compartments
	24-Aug-16 21:45:00	45	No	Isolated compartments
	24-Aug-16 22:30:00	43	No	Isolated compartments
	24-Aug-16 23:45:00	42	No	Isolated compartments
	25-Aug-16 02:15:00	50	No	Isolated compartments
	25-Aug-16 02:45:00	41	No	Isolated compartments
	25-Aug-16 03:15:00	42	No	Isolated compartments
	25-Aug-16 03:30:00	44	No	Isolated compartments
	25-Aug-16 03:45:00	48	No	Isolated compartments
	25-Aug-16 04:15:00	44	No	Isolated compartments
	13-Oct-16 05:30:00	45	No	Isolated compartments
	13-Oct-16 07:30:00	41	No	Isolated compartments
	13-Oct-16 07:45:00	42	No	Isolated compartments
	03-Nov-16 09:45:00	47	No	Startup
	03-Nov-16 11:30:00	55	No	Startup
	03-Nov-16 11:45:00	56	No	Isolated compartments
	03-Nov-16 12:00:00	58	No	Isolated compartments
	03-Nov-16 12:15:00	58	No	Isolated compartments
	03-Nov-16 12:30:00	58	No	Isolated compartments



	03-Nov-16 12:45:00	60	No	Isolated compartments
	03-Nov-16 13:00:00	60	No	Isolated compartments
	03-Nov-16 13:15:00	60	No	Isolated compartments
	03-Nov-16 13:30:00	59	No	Isolated compartments
	03-Nov-16 13:45:00	61	No	Isolated compartments
	03-Nov-16 14:00:00	60	No	Isolated compartments
	03-Nov-16 14:15:00	64	No	Isolated compartments
	09-Nov-16 12:30:00	41	No	Cleaned Lens
	09-Nov-16 12:45:00	42	No	Cleaned Lens
	09-Nov-16 13:00:00	42	No	Cleaned Lens
	09-Nov-16 13:15:00	42	No	Cleaned Lens
	09-Nov-16 13:30:00	42	No	Cleaned Lens
	09-Nov-16 13:45:00	42	No	Cleaned Lens
	09-Nov-16 14:00:00	42	No	Cleaned Lens
	09-Nov-16 14:15:00	48	No	Cleaned Lens
	11-Nov-16 04:15:00	42	No	Cleaned Lens
	11-Nov-16 04:30:00	53	No	Isolated compartments
	11-Nov-16 04:45:00	55	No	Isolated compartments
	11-Nov-16 05:00:00	71	No	Isolated compartments
	11-Nov-16 05:15:00	73	No	Isolated compartments
	11-Nov-16 05:30:00	75	No	Isolated compartments
	11-Nov-16 05:45:00	78	No	Isolated compartments
	11-Nov-16 06:00:00	82	No	Isolated compartments
	11-Nov-16 06:15:00	85	No	Isolated compartments
	11-Nov-16 06:30:00	89	No	Isolated compartments
	11-Nov-16 06:45:00	95	No	Isolated compartments
	11-Nov-16 07:00:00	97	No	Isolated compartments
	14-Nov-16 09:00:00	51	No	Isolated compartments
				Cleaned Lens
U2EBF	13-Aug-16 10:45:00	45	No	Startup
	07-Oct-16 18:00:00	75	No	Startup
	07-Oct-16 18:15:00	82	No	Startup
	07-Oct-16 18:30:00	74	No	Startup
	07-Oct-16 18:45:00	68	No	Startup
	07-Oct-16 19:00:00	43	No	Startup
	27-Dec-16 03:45:00	48	No	Startup
	27-Dec-16 06:15:00	41	No	Isolated compartments
	27-Dec-16 06:30:00	56	No	Isolated compartments
	27-Dec-16 06:45:00	44	No	Isolated compartments
	27-Dec-16 07:00:00	43	No	Isolated compartments
	27-Dec-16 07:15:00	40	No	Isolated compartments
	27-Dec-16 08:15:00	42	No	Isolated compartments
	29-Dec-16 04:45:00	51	No	Isolated compartments
	29-Dec-16 05:00:00	43	No	Isolated compartments
	29-Dec-16 05:30:00	43	No	Isolated compartments
	29-Dec-16 05:45:00	41	No	Isolated compartments
	29-Dec-16 06:00:00	51	No	Isolated compartments
	29-Dec-16 06:15:00	49	No	Isolated compartments
	29-Dec-16 06:30:00	41	No	Isolated compartments
				Isolated compartments
U3MBF	14-Aug-16 00:45:00	46	No	Isolated compartments
	14-Aug-16 22:45:00	41	No	Isolated compartments
	16-Aug-16 10:45:00	45	No	Isolated compartments
	13-Oct-16 17:30:00	45	No	Isolated compartments
	13-Oct-16 17:45:00	49	No	Isolated compartments



	13-Oct-16 18:00:00	54	No	Isolated compartments
	13-Oct-16 18:15:00	62	No	Isolated compartments
	13-Oct-16 18:30:00	59	No	Isolated compartments
	13-Oct-16 18:45:00	48	No	Isolated compartments
	14-Oct-16 06:30:00	40	No	Isolated compartments
	14-Oct-16 06:45:00	40	No	Isolated compartments
	14-Oct-16 07:00:00	44	No	Isolated compartments
	14-Oct-16 07:15:00	49	No	Isolated compartments
	14-Oct-16 08:00:00	40	No	Isolated compartments
	14-Oct-16 08:15:00	46	No	Isolated compartments
	14-Oct-16 08:30:00	43	No	Isolated compartments
	14-Oct-16 08:45:00	55	No	Isolated compartments
	14-Oct-16 09:00:00	61	No	Isolated compartments
	14-Oct-16 09:15:00	59	No	Isolated compartments
	23-Dec-16 17:15:00	43	No	Water Line Issue
	23-Dec-16 17:30:00	92	No	Water Line Issue
	29-Dec-16 23:15:00	43	No	Water Line Issue
U3EBF	15-Aug-16 00:15:00	123	No	Isolated Compartment
	21-Aug-16 16:00:00	40	No	
	30-Aug-16 15:45:00	51	No	Calibration
	30-Aug-16 16:00:00	48	No	Calibration
	30-Aug-16 16:15:00	55	No	Calibration
	19-Sep-16 16:45:00	43	No	Isolated Compartment
	19-Sep-16 17:00:00	44	No	Isolated Compartment
	19-Sep-16 17:15:00	45	No	Isolated Compartment
	19-Sep-16 17:30:00	48	No	Isolated Compartment
	19-Sep-16 17:45:00	53	No	Isolated Compartment
	19-Sep-16 18:00:00	53	No	Isolated Compartment
	19-Sep-16 18:15:00	56	No	Isolated Compartment
	07-Oct-16 20:30:00	41	No	Startup
	07-Oct-16 20:45:00	42	No	Startup
	07-Oct-16 21:00:00	46	No	Startup
	15-Dec-16 12:30:00	102	No	Startup
	15-Dec-16 14:15:00	41	No	Startup
	15-Dec-16 14:30:00	47	No	Startup
	15-Dec-16 14:45:00	49	No	Startup
	15-Dec-16 15:00:00	51	No	Startup
	15-Dec-16 15:15:00	54	No	Startup
	15-Dec-16 15:30:00	51	No	Startup
	15-Dec-16 15:45:00	49	No	Startup
	15-Dec-16 16:00:00	47	No	Startup
	15-Dec-16 16:15:00	44	No	Startup
	17-Dec-16 14:00:00	45	No	Isolated Compartment
	17-Dec-16 14:15:00	44	No	Isolated Compartment
	17-Dec-16 14:30:00	42	No	Isolated Compartment
	17-Dec-16 14:45:00	45	No	Isolated Compartment
	17-Dec-16 15:00:00	54	No	Isolated Compartment
	17-Dec-16 15:15:00	60	No	Isolated Compartment
	17-Dec-16 15:30:00	60	No	Isolated Compartment
	17-Dec-16 15:45:00	58	No	Isolated Compartment
	17-Dec-16 16:00:00	64	No	Isolated Compartment
	17-Dec-16 16:15:00	64	No	Isolated Compartment
	17-Dec-16 16:30:00	72	No	Isolated Compartment
	17-Dec-16 16:45:00	82	No	Isolated Compartment



	17-Dec-16 17:00:00	66	No	Isolated Compartment
	17-Dec-16 17:15:00	56	No	Isolated Compartment
	17-Dec-16 17:30:00	61	No	Isolated Compartment
	17-Dec-16 17:45:00	54	No	Isolated Compartment
	17-Dec-16 18:00:00	56	No	Isolated Compartment
	17-Dec-16 18:15:00	60	No	Isolated Compartment
	17-Dec-16 18:30:00	63	No	Isolated Compartment
	17-Dec-16 18:45:00	68	No	Isolated Compartment
	17-Dec-16 19:00:00	71	No	Isolated Compartment
	17-Dec-16 19:15:00	72	No	Isolated Compartment
	17-Dec-16 19:30:00	59	No	Isolated Compartment
	17-Dec-16 21:00:00	40	No	Isolated Compartment
	17-Dec-16 21:15:00	47	No	Isolated Compartment
	17-Dec-16 21:30:00	46	No	Isolated Compartment
	17-Dec-16 22:00:00	46	No	Isolated Compartment
U3PBF	13-Oct-16 20:00:00	60	No	Isolated compartments
	13-Oct-16 20:15:00	61	No	Isolated compartments
	13-Oct-16 20:30:00	49	No	Isolated compartments
	13-Oct-16 20:45:00	55	No	Isolated compartments
	13-Oct-16 21:00:00	62	No	Isolated compartments
	13-Oct-16 21:15:00	66	No	Isolated compartments
	13-Oct-16 21:30:00	66	No	Isolated compartments
	13-Oct-16 21:45:00	66	No	Isolated compartments
	13-Oct-16 22:00:00	65	No	Isolated compartments
	13-Oct-16 22:15:00	63	No	Isolated compartments
	13-Oct-16 22:30:00	61	No	Isolated compartments
	13-Oct-16 22:45:00	61	No	Isolated compartments
	13-Oct-16 23:00:00	64	No	Isolated compartments
	13-Oct-16 23:15:00	62	No	Isolated compartments
	13-Oct-16 23:30:00	64	No	Isolated compartments
	13-Oct-16 23:45:00	68	No	Isolated compartments
	14-Oct-16 00:00:00	70	No	Isolated compartments
	14-Oct-16 00:15:00	72	No	Isolated compartments
	14-Oct-16 00:30:00	68	No	Isolated compartments
	14-Oct-16 00:45:00	64	No	Isolated compartments
	14-Oct-16 01:00:00	67	No	Isolated compartments
	14-Oct-16 01:15:00	64	No	Isolated compartments
	14-Oct-16 01:30:00	63	No	Isolated compartments
	14-Oct-16 01:45:00	60	No	Isolated compartments
	14-Oct-16 02:00:00	55	No	Isolated compartments
	14-Oct-16 02:15:00	61	No	Isolated compartments
	14-Oct-16 02:30:00	63	No	Isolated compartments
	14-Oct-16 02:45:00	61	No	Isolated compartments
	14-Oct-16 03:00:00	57	No	Isolated compartments
	14-Oct-16 03:15:00	58	No	Isolated compartments
	14-Oct-16 03:30:00	59	No	Isolated compartments
	14-Oct-16 03:45:00	58	No	Isolated compartments
	14-Oct-16 04:00:00	62	No	Isolated compartments
	14-Oct-16 04:15:00	58	No	Isolated compartments
	14-Oct-16 04:30:00	63	No	Isolated compartments
	14-Oct-16 04:45:00	63	No	Isolated compartments
	14-Oct-16 05:00:00	59	No	Isolated compartments
	14-Oct-16 05:15:00	61	No	Isolated compartments
	14-Oct-16 05:30:00	62	No	Isolated compartments



	14-Oct-16 05:45:00	68	No	Isolated compartments
	14-Oct-16 06:00:00	66	No	Isolated compartments
	14-Oct-16 06:15:00	65	No	Isolated compartments
	14-Oct-16 06:30:00	66	No	Isolated compartments
	14-Oct-16 06:45:00	68	No	Isolated compartments
	14-Oct-16 07:00:00	57	No	Isolated compartments
	19-Dec-16 12:30:00	50	No	Startup
	19-Dec-16 12:45:00	61	No	Startup
	23-Dec-16 17:30:00	41	No	Water Line Issue
U4MBF	None	NA	NA	NA
U4EBF	12-Jul-16 00:30:00	41	No	Isolated compartments
	21-Aug-16 18:45:00	43	No	Isolated compartments
	21-Aug-16 19:00:00	42	No	Isolated compartments
	21-Aug-16 19:15:00	43	No	Isolated compartments
	21-Aug-16 19:30:00	42	No	Isolated compartments
	21-Aug-16 19:45:00	43	No	Isolated compartments
	21-Aug-16 20:00:00	43	No	Isolated compartments
	21-Aug-16 20:15:00	43	No	Isolated compartments
	21-Aug-16 20:30:00	43	No	Isolated compartments
	21-Aug-16 20:45:00	43	No	Isolated compartments
	21-Aug-16 21:00:00	43	No	Isolated compartments
	21-Aug-16 21:15:00	43	No	Isolated compartments
	21-Aug-16 21:30:00	44	No	Isolated compartments
	21-Aug-16 21:45:00	49	No	Isolated compartments
	21-Aug-16 22:00:00	58	No	Isolated compartments
	21-Aug-16 22:15:00	58	No	Isolated compartments
	21-Aug-16 22:30:00	58	No	Isolated compartments
	21-Aug-16 22:45:00	58	No	Isolated compartments
	21-Aug-16 23:00:00	57	No	Isolated compartments
	21-Aug-16 23:15:00	58	No	Isolated compartments
	21-Aug-16 23:30:00	58	No	Isolated compartments
	21-Aug-16 23:45:00	58	No	Isolated compartments
	22-Aug-16 00:00:00	58	No	Isolated compartments
	22-Aug-16 00:15:00	59	No	Isolated compartments
	22-Aug-16 00:30:00	59	No	Isolated compartments
	22-Aug-16 00:45:00	58	No	Isolated compartments
	22-Aug-16 01:00:00	58	No	Isolated compartments
	22-Aug-16 01:15:00	58	No	Isolated compartments
	22-Aug-16 01:30:00	59	No	Isolated compartments
	22-Aug-16 01:45:00	58	No	Isolated compartments
	22-Aug-16 02:00:00	58	No	Isolated compartments
	22-Aug-16 02:15:00	57	No	Isolated compartments
	22-Aug-16 02:30:00	58	No	Isolated compartments
	22-Aug-16 02:45:00	58	No	Isolated compartments
	22-Aug-16 03:00:00	59	No	Isolated compartments
	22-Aug-16 03:15:00	59	No	Isolated compartments
	22-Aug-16 03:30:00	59	No	Isolated compartments
	22-Aug-16 03:45:00	58	No	Isolated compartments
	22-Aug-16 04:00:00	59	No	Isolated compartments
	22-Aug-16 04:15:00	59	No	Isolated compartments
	22-Aug-16 04:30:00	59	No	Isolated compartments
	22-Aug-16 04:45:00	58	No	Isolated compartments



	22-Aug-16 05:00:00	58	No	Isolated compartments
	22-Aug-16 05:15:00	59	No	Isolated compartments
	22-Aug-16 05:30:00	59	No	Isolated compartments
	22-Aug-16 05:45:00	58	No	Isolated compartments
	22-Aug-16 06:00:00	58	No	Isolated compartments
	22-Aug-16 06:15:00	59	No	Isolated compartments
	22-Aug-16 06:30:00	58	No	Isolated compartments
	22-Aug-16 06:45:00	58	No	Isolated compartments
	22-Aug-16 07:00:00	58	No	Isolated compartments
	22-Aug-16 07:15:00	59	No	Isolated compartments
	22-Aug-16 07:30:00	59	No	Isolated compartments
	22-Aug-16 07:45:00	58	No	Isolated compartments
	22-Aug-16 08:00:00	59	No	Isolated compartments
	22-Aug-16 08:15:00	58	No	Isolated compartments
	22-Aug-16 08:30:00	59	No	Isolated compartments
	22-Aug-16 08:45:00	58	No	Isolated compartments
	22-Aug-16 09:00:00	58	No	Isolated compartments
	22-Aug-16 09:15:00	58	No	Isolated compartments
	11-Sep-16 11:45:00	57	No	Isolated compartments
	29-Sep-16 05:15:00	57	No	Isolated compartments
	29-Sep-16 05:30:00	58	No	Isolated compartments
	29-Sep-16 05:45:00	58	No	Isolated compartments
	29-Sep-16 06:00:00	58	No	Isolated compartments
	29-Sep-16 06:15:00	58	No	Isolated compartments
	29-Sep-16 06:30:00	58	No	Isolated compartments
	29-Sep-16 06:45:00	59	No	Isolated compartments
	29-Sep-16 07:00:00	58	No	Isolated compartments
	29-Sep-16 07:15:00	59	No	Isolated compartments
	29-Sep-16 07:30:00	58	No	Isolated compartments
	29-Sep-16 07:45:00	59	No	Isolated compartments
	29-Sep-16 08:00:00	59	No	Isolated compartments
	29-Sep-16 08:15:00	68	No	Isolated compartments
	29-Sep-16 08:30:00	45	No	Isolated compartments
	10-Oct-16 10:45:00	43	No	Cleaned Lens
	10-Oct-16 11:00:00	43	No	Cleaned Lens
	10-Oct-16 11:15:00	43	No	Cleaned Lens
	10-Oct-16 11:30:00	43	No	Cleaned Lens
	10-Oct-16 11:45:00	42	No	Cleaned Lens
	10-Oct-16 12:00:00	41	No	Cleaned Lens
	10-Oct-16 12:15:00	41	No	Cleaned Lens
	10-Oct-16 12:30:00	40	No	Cleaned Lens
	10-Oct-16 12:45:00	40	No	Cleaned Lens
	10-Oct-16 13:00:00	40	No	Cleaned Lens
	10-Oct-16 13:15:00	40	No	Cleaned Lens
	10-Oct-16 13:30:00	40	No	Cleaned Lens
	10-Oct-16 13:45:00	48	No	Cleaned Lens
	06-Dec-16 07:15:00	54	No	Cleaned Lens
	06-Dec-16 07:30:00	44	No	Cleaned Lens
	06-Dec-16 07:45:00	40	No	Cleaned Lens
	06-Dec-16 08:00:00	41	No	Cleaned Lens
	06-Dec-16 08:15:00	41	No	Cleaned Lens
	06-Dec-16 08:30:00	40	No	Cleaned Lens
	07-Dec-16 16:00:00	44	No	Isolated compartments
	07-Dec-16 16:15:00	43	No	Isolated compartments
	07-Dec-16 16:30:00	43	No	Isolated compartments



	07-Dec-16 16:45:00	42	No	Isolated compartments
	07-Dec-16 17:00:00	42	No	Isolated compartments
	07-Dec-16 17:15:00	41	No	Isolated compartments
	07-Dec-16 17:30:00	42	No	Isolated compartments
	07-Dec-16 17:45:00	42	No	Isolated compartments
	07-Dec-16 18:00:00	42	No	Isolated compartments
	07-Dec-16 18:15:00	42	No	Isolated compartments
	07-Dec-16 18:30:00	42	No	Isolated compartments
	07-Dec-16 18:45:00	43	No	Isolated compartments
	07-Dec-16 19:00:00	42	No	Isolated compartments
	07-Dec-16 19:15:00	41	No	Isolated compartments
	07-Dec-16 19:30:00	41	No	Isolated compartments
	07-Dec-16 19:45:00	41	No	Isolated compartments
	07-Dec-16 20:00:00	41	No	Isolated compartments
	07-Dec-16 20:15:00	41	No	Isolated compartments
	07-Dec-16 20:30:00	41	No	Isolated compartments
	07-Dec-16 20:45:00	41	No	Isolated compartments
	07-Dec-16 21:00:00	41	No	Isolated compartments
	07-Dec-16 21:15:00	41	No	Isolated compartments
	07-Dec-16 21:30:00	41	No	Isolated compartments
	07-Dec-16 21:45:00	41	No	Isolated compartments
	07-Dec-16 22:00:00	41	No	Isolated compartments
	07-Dec-16 22:15:00	41	No	Isolated compartments
	07-Dec-16 22:30:00	41	No	Isolated compartments
	07-Dec-16 22:45:00	41	No	Isolated compartments
	07-Dec-16 23:00:00	41	No	Isolated compartments
	07-Dec-16 23:15:00	41	No	Isolated compartments
	07-Dec-16 23:30:00	41	No	Isolated compartments
	07-Dec-16 23:45:00	41	No	Isolated compartments
	08-Dec-16 00:00:00	41	No	Isolated compartments
	08-Dec-16 00:15:00	54	No	Isolated compartments
	08-Dec-16 00:30:00	43	No	Isolated compartments
	08-Dec-16 00:45:00	41	No	Isolated compartments
	08-Dec-16 01:00:00	41	No	Isolated compartments
	08-Dec-16 01:15:00	41	No	Isolated compartments
	08-Dec-16 01:30:00	40	No	Isolated compartments
	08-Dec-16 01:45:00	41	No	Isolated compartments
	08-Dec-16 02:00:00	41	No	Isolated compartments
	08-Dec-16 02:15:00	40	No	Isolated compartments
	08-Dec-16 02:30:00	40	No	Isolated compartments
	08-Dec-16 02:45:00	40	No	Isolated compartments
	08-Dec-16 03:00:00	40	No	Isolated compartments
	08-Dec-16 03:15:00	40	No	Isolated compartments
	08-Dec-16 03:30:00	40	No	Isolated compartments
	08-Dec-16 03:45:00	40	No	Isolated compartments
	08-Dec-16 04:00:00	40	No	Isolated compartments
	08-Dec-16 04:15:00	41	No	Isolated compartments
	08-Dec-16 04:30:00	41	No	Isolated compartments
	08-Dec-16 04:45:00	40	No	Isolated compartments
	08-Dec-16 09:00:00	46	No	Isolated compartments
	08-Dec-16 22:15:00	44	No	Isolated compartments
	08-Dec-16 22:30:00	54	No	Isolated compartments
	08-Dec-16 22:45:00	63	No	Isolated compartments
	08-Dec-16 23:00:00	61	No	Isolated compartments
	08-Dec-16 23:15:00	57	No	Isolated compartments



	08-Dec-16 23:30:00	62	No	Isolated compartments
	08-Dec-16 23:45:00	66	No	Isolated compartments
	09-Dec-16 00:00:00	65	No	Isolated compartments
	09-Dec-16 00:15:00	63	No	Isolated compartments
	09-Dec-16 00:30:00	48	No	Isolated compartments
	09-Dec-16 01:15:00	41	No	Isolated compartments
	09-Dec-16 01:30:00	42	No	Isolated compartments
	09-Dec-16 01:45:00	42	No	Isolated compartments
	09-Dec-16 02:00:00	44	No	Isolated compartments
	09-Dec-16 02:15:00	51	No	Isolated compartments
	09-Dec-16 02:30:00	56	No	Isolated compartments
	09-Dec-16 02:45:00	58	No	Isolated compartments
	09-Dec-16 03:00:00	57	No	Isolated compartments
	09-Dec-16 03:15:00	51	No	Isolated compartments
	09-Dec-16 03:30:00	43	No	Isolated compartments
	09-Dec-16 03:45:00	43	No	Isolated compartments
	09-Dec-16 06:00:00	42	No	Isolated compartments
	09-Dec-16 07:15:00	49	No	Isolated compartments
	09-Dec-16 07:30:00	51	No	Isolated compartments
	09-Dec-16 07:45:00	40	No	Isolated compartments
	09-Dec-16 08:15:00	40	No	Isolated compartments
	09-Dec-16 11:15:00	50	No	Cleaned Lens
	09-Dec-16 14:15:00	59	No	Cleaned Lens
	09-Dec-16 14:30:00	55	No	Cleaned Lens
	09-Dec-16 14:45:00	55	No	Cleaned Lens
	09-Dec-16 15:00:00	55	No	Isolated compartments
	09-Dec-16 15:15:00	55	No	Isolated compartments
	09-Dec-16 15:30:00	55	No	Isolated compartments
	09-Dec-16 15:45:00	55	No	Isolated compartments
	09-Dec-16 16:00:00	55	No	Isolated compartments
	09-Dec-16 16:15:00	55	No	Isolated compartments
	09-Dec-16 16:30:00	55	No	Isolated compartments
	09-Dec-16 16:45:00	55	No	Isolated compartments
	09-Dec-16 17:00:00	55	No	Isolated compartments
	09-Dec-16 17:15:00	55	No	Isolated compartments
	09-Dec-16 17:30:00	55	No	Isolated compartments
	09-Dec-16 17:45:00	55	No	Isolated compartments
	09-Dec-16 18:00:00	55	No	Isolated compartments
	09-Dec-16 18:15:00	55	No	Isolated compartments
	09-Dec-16 18:30:00	55	No	Isolated compartments
	09-Dec-16 18:45:00	55	No	Isolated compartments
	09-Dec-16 19:00:00	55	No	Isolated compartments
	09-Dec-16 19:15:00	55	No	Isolated compartments
	09-Dec-16 19:30:00	55	No	Isolated compartments
	09-Dec-16 19:45:00	55	No	Isolated compartments
	09-Dec-16 20:00:00	55	No	Isolated compartments
	09-Dec-16 20:15:00	55	No	Isolated compartments
	09-Dec-16 20:30:00	55	No	Isolated compartments
	09-Dec-16 20:45:00	56	No	Isolated compartments
	09-Dec-16 21:00:00	55	No	Isolated compartments
	09-Dec-16 21:15:00	55	No	Isolated compartments
	09-Dec-16 21:30:00	55	No	Isolated compartments
	09-Dec-16 21:45:00	55	No	Isolated compartments
	09-Dec-16 22:00:00	55	No	Isolated compartments
	09-Dec-16 22:15:00	55	No	Isolated compartments



	09-Dec-16 22:30:00	55	No	Isolated compartments
	09-Dec-16 22:45:00	55	No	Isolated compartments
	09-Dec-16 23:00:00	55	No	Isolated compartments
	09-Dec-16 23:15:00	55	No	Isolated compartments
	09-Dec-16 23:30:00	55	No	Isolated compartments
	09-Dec-16 23:45:00	55	No	Isolated compartments
	10-Dec-16 00:00:00	55	No	Isolated compartments
	10-Dec-16 00:15:00	55	No	Isolated compartments
	10-Dec-16 00:30:00	55	No	Isolated compartments
	10-Dec-16 00:45:00	55	No	Isolated compartments
	10-Dec-16 01:00:00	55	No	Isolated compartments
	10-Dec-16 01:15:00	55	No	Isolated compartments
	10-Dec-16 01:30:00	55	No	Isolated compartments
	10-Dec-16 01:45:00	55	No	Isolated compartments
	10-Dec-16 02:00:00	55	No	Isolated compartments
	10-Dec-16 02:15:00	55	No	Isolated compartments
	10-Dec-16 02:30:00	55	No	Isolated compartments
	10-Dec-16 02:45:00	55	No	Isolated compartments
	10-Dec-16 03:00:00	55	No	Isolated compartments
	10-Dec-16 03:15:00	55	No	Isolated compartments
	10-Dec-16 03:30:00	55	No	Isolated compartments
	10-Dec-16 03:45:00	55	No	Isolated compartments
	10-Dec-16 04:00:00	55	No	Isolated compartments
	10-Dec-16 04:15:00	55	No	Isolated compartments
	10-Dec-16 04:30:00	55	No	Isolated compartments
	10-Dec-16 04:45:00	55	No	Isolated compartments
	10-Dec-16 05:00:00	55	No	Isolated compartments
	10-Dec-16 05:15:00	55	No	Isolated compartments
	10-Dec-16 05:30:00	55	No	Isolated compartments
	10-Dec-16 05:45:00	56	No	Isolated compartments
	10-Dec-16 06:00:00	56	No	Isolated compartments
	10-Dec-16 06:15:00	56	No	Isolated compartments
	10-Dec-16 06:30:00	55	No	Isolated compartments
	10-Dec-16 06:45:00	55	No	Isolated compartments
	10-Dec-16 07:00:00	55	No	Isolated compartments
	10-Dec-16 07:15:00	56	No	Isolated compartments
	10-Dec-16 07:30:00	57	No	Isolated compartments
	10-Dec-16 07:45:00	59	No	Isolated compartments
	10-Dec-16 08:00:00	61	No	Isolated compartments
	10-Dec-16 08:15:00	60	No	Isolated compartments
	10-Dec-16 08:30:00	61	No	Isolated compartments
	10-Dec-16 08:45:00	62	No	Isolated compartments
	10-Dec-16 09:00:00	61	No	Isolated compartments
	10-Dec-16 09:15:00	57	No	Isolated compartments
	10-Dec-16 09:30:00	56	No	Isolated compartments
	10-Dec-16 09:45:00	56	No	Isolated compartments
	10-Dec-16 10:00:00	55	No	Isolated compartments
	10-Dec-16 10:15:00	56	No	Isolated compartments
	10-Dec-16 10:30:00	56	No	Isolated compartments
	10-Dec-16 10:45:00	55	No	Isolated compartments
	10-Dec-16 11:00:00	55	No	Isolated compartments
	10-Dec-16 11:15:00	55	No	Isolated compartments
	10-Dec-16 11:30:00	55	No	Isolated compartments
	10-Dec-16 11:45:00	55	No	Isolated compartments
	10-Dec-16 12:00:00	55	No	Isolated compartments



[illegible]



[illegible]



[illegible]



	12-Dec-16 05:30:00	56	No	Isolated compartments
	12-Dec-16 05:45:00	55	No	Isolated compartments
	12-Dec-16 06:00:00	56	No	Isolated compartments
	12-Dec-16 06:15:00	56	No	Isolated compartments
	12-Dec-16 06:30:00	57	No	Isolated compartments
	12-Dec-16 06:45:00	57	No	Isolated compartments
	12-Dec-16 07:00:00	57	No	Isolated compartments
	12-Dec-16 07:15:00	57	No	Isolated compartments
	12-Dec-16 07:30:00	55	No	Isolated compartments
	12-Dec-16 07:45:00	56	No	Isolated compartments
	12-Dec-16 08:00:00	56	No	Isolated compartments
	12-Dec-16 08:15:00	57	No	Isolated compartments
	12-Dec-16 08:30:00	57	No	Isolated compartments
	12-Dec-16 08:45:00	60	No	Isolated compartments
	12-Dec-16 09:00:00	60	No	Isolated compartments
	12-Dec-16 09:15:00	58	No	Isolated compartments
	12-Dec-16 09:30:00	57	No	Isolated compartments
	12-Dec-16 09:45:00	57	No	Isolated compartments
	12-Dec-16 10:00:00	57	No	Isolated compartments
	12-Dec-16 10:15:00	56	No	Isolated compartments
	12-Dec-16 10:30:00	55	No	Isolated compartments
	12-Dec-16 10:45:00	55	No	Isolated compartments
	12-Dec-16 11:00:00	55	No	Isolated compartments
	12-Dec-16 11:15:00	55	No	Isolated compartments
	12-Dec-16 11:30:00	55	No	Isolated compartments
	12-Dec-16 11:45:00	55	No	Isolated compartments
	12-Dec-16 12:00:00	55	No	Isolated compartments
	12-Dec-16 12:15:00	55	No	Isolated compartments
	12-Dec-16 12:30:00	55	No	Isolated compartments
	12-Dec-16 12:45:00	55	No	Isolated compartments
	12-Dec-16 13:00:00	55	No	Isolated compartments
	12-Dec-16 13:15:00	55	No	Isolated compartments
	12-Dec-16 13:30:00	55	No	Isolated compartments
	12-Dec-16 13:45:00	55	No	Isolated compartments
	12-Dec-16 14:00:00	55	No	Isolated compartments
	12-Dec-16 14:15:00	55	No	Isolated compartments
	12-Dec-16 14:30:00	55	No	Isolated compartments
	12-Dec-16 14:45:00	55	No	Isolated compartments
	12-Dec-16 15:00:00	55	No	Isolated compartments
	12-Dec-16 15:15:00	49	No	Isolated compartments
	12-Dec-16 15:30:00	43	No	Isolated compartments
	12-Dec-16 15:45:00	43	No	Isolated compartments
	12-Dec-16 16:00:00	43	No	Isolated compartments
	12-Dec-16 16:15:00	43	No	Isolated compartments
	12-Dec-16 16:30:00	42	No	Isolated compartments
	12-Dec-16 16:45:00	42	No	Isolated compartments
	12-Dec-16 17:00:00	42	No	Isolated compartments
	12-Dec-16 17:15:00	43	No	Isolated compartments
	12-Dec-16 17:30:00	43	No	Isolated compartments
	12-Dec-16 17:45:00	42	No	Isolated compartments
	12-Dec-16 18:00:00	42	No	Isolated compartments
	12-Dec-16 18:15:00	42	No	Isolated compartments
	12-Dec-16 18:30:00	42	No	Isolated compartments
	12-Dec-16 18:45:00	42	No	Isolated compartments
	12-Dec-16 19:00:00	43	No	Isolated compartments



	12-Dec-16 19:15:00	42	No	Isolated compartments
	12-Dec-16 19:30:00	42	No	Isolated compartments
	12-Dec-16 19:45:00	42	No	Isolated compartments
	12-Dec-16 20:00:00	42	No	Isolated compartments
	12-Dec-16 20:15:00	42	No	Isolated compartments
	12-Dec-16 20:30:00	42	No	Isolated compartments
	12-Dec-16 20:45:00	42	No	Isolated compartments
	12-Dec-16 21:00:00	42	No	Isolated compartments
	12-Dec-16 21:15:00	42	No	Isolated compartments
	12-Dec-16 21:30:00	42	No	Isolated compartments
	12-Dec-16 21:45:00	43	No	Isolated compartments
	12-Dec-16 22:00:00	42	No	Isolated compartments
	12-Dec-16 22:15:00	42	No	Isolated compartments
	12-Dec-16 22:30:00	42	No	Isolated compartments
	12-Dec-16 22:45:00	42	No	Isolated compartments
	12-Dec-16 23:00:00	42	No	Isolated compartments
	12-Dec-16 23:15:00	42	No	Isolated compartments
	12-Dec-16 23:30:00	42	No	Isolated compartments
	12-Dec-16 23:45:00	42	No	Isolated compartments
	13-Dec-16 00:00:00	42	No	Isolated compartments
	13-Dec-16 00:15:00	42	No	Isolated compartments
	13-Dec-16 00:30:00	42	No	Isolated compartments
	13-Dec-16 00:45:00	43	No	Isolated compartments
	13-Dec-16 01:00:00	43	No	Isolated compartments
	13-Dec-16 01:15:00	43	No	Isolated compartments
	13-Dec-16 01:30:00	42	No	Isolated compartments
	13-Dec-16 01:45:00	43	No	Isolated compartments
	13-Dec-16 02:00:00	43	No	Isolated compartments
	13-Dec-16 02:15:00	43	No	Isolated compartments
	13-Dec-16 02:30:00	43	No	Isolated compartments
	13-Dec-16 02:45:00	43	No	Isolated compartments
	13-Dec-16 03:00:00	43	No	Isolated compartments
	13-Dec-16 03:15:00	42	No	Isolated compartments
	13-Dec-16 03:30:00	42	No	Isolated compartments
	13-Dec-16 03:45:00	42	No	Isolated compartments
	13-Dec-16 04:00:00	42	No	Isolated compartments
	13-Dec-16 04:15:00	43	No	Isolated compartments
	13-Dec-16 04:30:00	43	No	Isolated compartments
	13-Dec-16 04:45:00	42	No	Isolated compartments
	13-Dec-16 05:00:00	43	No	Isolated compartments
	13-Dec-16 05:15:00	43	No	Isolated compartments
	13-Dec-16 05:30:00	43	No	Isolated compartments
	13-Dec-16 05:45:00	43	No	Isolated compartments
	13-Dec-16 06:00:00	44	No	Isolated compartments
	13-Dec-16 06:15:00	44	No	Isolated compartments
	13-Dec-16 06:30:00	47	No	Isolated compartments
	13-Dec-16 06:45:00	52	No	Isolated compartments
	13-Dec-16 07:00:00	47	No	Isolated compartments
	13-Dec-16 07:15:00	54	No	Isolated compartments
	13-Dec-16 07:30:00	59	No	Isolated compartments
	13-Dec-16 07:45:00	59	No	Isolated compartments
	13-Dec-16 08:00:00	63	No	Isolated compartments
	13-Dec-16 08:15:00	64	No	Isolated compartments
	13-Dec-16 08:30:00	65	No	Isolated compartments
	13-Dec-16 08:45:00	71	No	Isolated compartments



	13-Dec-16 09:00:00	77	No	Isolated compartments
	13-Dec-16 09:15:00	78	No	Isolated compartments
	13-Dec-16 09:30:00	67	No	Isolated compartments
	13-Dec-16 09:45:00	61	No	Isolated compartments
	13-Dec-16 10:00:00	68	No	Isolated compartments
	13-Dec-16 10:15:00	63	No	Isolated compartments
	13-Dec-16 10:30:00	62	No	Isolated compartments
	13-Dec-16 10:45:00	63	No	Isolated compartments
	13-Dec-16 11:00:00	69	No	Isolated compartments
	13-Dec-16 11:15:00	72	No	Isolated compartments
	13-Dec-16 11:30:00	65	No	Isolated compartments
	13-Dec-16 11:45:00	59	No	Isolated compartments
	13-Dec-16 12:00:00	52	No	Isolated compartments
	13-Dec-16 12:15:00	52	No	Isolated compartments
	13-Dec-16 12:30:00	54	No	Isolated compartments
	13-Dec-16 12:45:00	45	No	Isolated compartments
	13-Dec-16 13:00:00	57	No	Isolated compartments
	13-Dec-16 13:15:00	53	No	Isolated compartments
	13-Dec-16 13:30:00	53	No	Isolated compartments
	13-Dec-16 13:45:00	62	No	Isolated compartments
	13-Dec-16 14:00:00	63	No	Isolated compartments
	13-Dec-16 14:15:00	62	No	Isolated compartments
	13-Dec-16 14:30:00	59	No	Isolated compartments
	13-Dec-16 14:45:00	62	No	Isolated compartments
	13-Dec-16 15:00:00	63	No	Isolated compartments
	13-Dec-16 15:15:00	60	No	Isolated compartments
	13-Dec-16 19:15:00	40	No	Isolated compartments
	13-Dec-16 20:00:00	43	No	Isolated compartments
	13-Dec-16 20:15:00	42	No	Isolated compartments
	13-Dec-16 20:30:00	41	No	Isolated compartments
	13-Dec-16 20:45:00	40	No	Isolated compartments
	13-Dec-16 21:00:00	48	No	Isolated compartments
	13-Dec-16 21:15:00	53	No	Isolated compartments
	13-Dec-16 21:30:00	53	No	Isolated compartments
	13-Dec-16 21:45:00	50	No	Isolated compartments
	13-Dec-16 22:00:00	47	No	Isolated compartments
	13-Dec-16 22:15:00	49	No	Isolated compartments
	13-Dec-16 22:30:00	46	No	Isolated compartments
	13-Dec-16 23:15:00	42	No	Isolated compartments
	13-Dec-16 23:30:00	50	No	Isolated compartments
	13-Dec-16 23:45:00	50	No	Isolated compartments
	14-Dec-16 00:00:00	44	No	Isolated compartments
	14-Dec-16 00:15:00	43	No	Isolated compartments
	14-Dec-16 00:30:00	41	No	Isolated compartments
	28-Dec-16 17:45:00	55	No	Isolated compartments
	28-Dec-16 18:00:00	84	No	Isolated compartments
	28-Dec-16 19:30:00	44	No	Isolated compartments
	28-Dec-16 19:45:00	45	No	Isolated compartments
	28-Dec-16 20:00:00	49	No	Isolated compartments
	28-Dec-16 20:15:00	57	No	Isolated compartments
	28-Dec-16 20:30:00	57	No	Isolated compartments
	28-Dec-16 20:45:00	58	No	Isolated compartments
	28-Dec-16 21:00:00	75	No	Isolated compartments
	28-Dec-16 21:15:00	96	No	Isolated compartments
	28-Dec-16 21:30:00	104	No	Isolated compartments



	28-Dec-16 21:45:00	112	No	Isolated compartments
	28-Dec-16 22:15:00	91	No	Isolated compartments
	28-Dec-16 22:30:00	93	No	Isolated compartments
	28-Dec-16 22:45:00	95	No	Isolated compartments
	28-Dec-16 23:00:00	60	No	Isolated compartments
	28-Dec-16 23:15:00	55	No	Isolated compartments
	28-Dec-16 23:30:00	55	No	Isolated compartments
	28-Dec-16 23:45:00	55	No	Isolated compartments
	29-Dec-16 00:00:00	55	No	Isolated compartments
	29-Dec-16 00:15:00	55	No	Isolated compartments
	29-Dec-16 00:30:00	55	No	Isolated compartments
	29-Dec-16 00:45:00	55	No	Isolated compartments
	29-Dec-16 01:00:00	56	No	Isolated compartments
	29-Dec-16 01:15:00	56	No	Isolated compartments
	29-Dec-16 01:30:00	56	No	Isolated compartments
	29-Dec-16 01:45:00	55	No	Isolated compartments
	29-Dec-16 02:00:00	55	No	Isolated compartments
	29-Dec-16 02:15:00	55	No	Isolated compartments
	29-Dec-16 02:30:00	55	No	Isolated compartments
	29-Dec-16 02:45:00	56	No	Isolated compartments
	29-Dec-16 03:00:00	55	No	Isolated compartments
	29-Dec-16 03:15:00	55	No	Isolated compartments
	29-Dec-16 03:30:00	55	No	Isolated compartments
	29-Dec-16 03:45:00	56	No	Isolated compartments
	29-Dec-16 04:00:00	56	No	Isolated compartments
	29-Dec-16 04:15:00	56	No	Isolated compartments
	29-Dec-16 04:30:00	56	No	Isolated compartments
	29-Dec-16 04:45:00	55	No	Isolated compartments
	29-Dec-16 05:00:00	55	No	Isolated compartments
	29-Dec-16 05:15:00	55	No	Isolated compartments
	29-Dec-16 05:30:00	55	No	Isolated compartments
	29-Dec-16 05:45:00	55	No	Isolated compartments
	29-Dec-16 06:00:00	55	No	Isolated compartments
	29-Dec-16 06:15:00	57	No	Isolated compartments
	29-Dec-16 06:30:00	56	No	Isolated compartments
	29-Dec-16 06:45:00	56	No	Isolated compartments
	29-Dec-16 07:00:00	58	No	Isolated compartments
	29-Dec-16 07:15:00	59	No	Isolated compartments
	29-Dec-16 07:30:00	60	No	Isolated compartments
	29-Dec-16 07:45:00	56	No	Isolated compartments
	29-Dec-16 08:00:00	55	No	Isolated compartments
	29-Dec-16 08:15:00	55	No	Isolated compartments
	29-Dec-16 08:30:00	55	No	Isolated compartments
	29-Dec-16 08:45:00	55	No	Isolated compartments
	29-Dec-16 09:00:00	56	No	Isolated compartments
	29-Dec-16 09:15:00	56	No	Isolated compartments
	29-Dec-16 09:30:00	56	No	Isolated compartments
	29-Dec-16 09:45:00	56	No	Isolated compartments
	29-Dec-16 10:00:00	56	No	Isolated compartments
	29-Dec-16 10:15:00	56	No	Isolated compartments
	29-Dec-16 10:30:00	57	No	Isolated compartments
	29-Dec-16 10:45:00	57	No	Isolated compartments
	29-Dec-16 11:00:00	58	No	Isolated compartments
	29-Dec-16 11:15:00	61	No	Isolated compartments
	29-Dec-16 11:30:00	62	No	Isolated compartments



	29-Dec-16 11:45:00	64	No	Isolated compartments
	29-Dec-16 12:00:00	62	No	Isolated compartments
	29-Dec-16 12:15:00	60	No	Isolated compartments
	29-Dec-16 12:30:00	58	No	Isolated compartments
	29-Dec-16 12:45:00	62	No	Isolated compartments
	29-Dec-16 13:00:00	53	No	Isolated compartments
	29-Dec-16 13:15:00	53	No	Isolated compartments
	29-Dec-16 13:30:00	49	No	Isolated compartments
	29-Dec-16 13:45:00	52	No	Isolated compartments
	29-Dec-16 14:00:00	52	No	Isolated compartments
	29-Dec-16 14:15:00	52	No	Isolated compartments
	29-Dec-16 14:30:00	53	No	Isolated compartments
	29-Dec-16 14:45:00	53	No	Isolated compartments
	29-Dec-16 15:00:00	53	No	Isolated compartments
	29-Dec-16 15:15:00	55	No	Isolated compartments
	29-Dec-16 15:30:00	53	No	Isolated compartments
	29-Dec-16 15:45:00	54	No	Isolated compartments
	29-Dec-16 16:00:00	53	No	Isolated compartments
	29-Dec-16 16:15:00	54	No	Isolated compartments
	29-Dec-16 16:30:00	53	No	Isolated compartments
	29-Dec-16 16:45:00	51	No	Isolated compartments
	29-Dec-16 17:00:00	48	No	Isolated compartments
	29-Dec-16 17:15:00	50	No	Isolated compartments
	29-Dec-16 17:30:00	49	No	Isolated compartments
	29-Dec-16 17:45:00	49	No	Isolated compartments
	29-Dec-16 18:00:00	48	No	Isolated compartments
	29-Dec-16 18:15:00	48	No	Isolated compartments
	29-Dec-16 18:30:00	45	No	Isolated compartments
	29-Dec-16 18:45:00	47	No	Isolated compartments
	29-Dec-16 19:00:00	45	No	Isolated compartments
	29-Dec-16 19:15:00	45	No	Isolated compartments
	29-Dec-16 19:30:00	44	No	Isolated compartments
	29-Dec-16 19:45:00	47	No	Isolated compartments
	29-Dec-16 20:00:00	46	No	Isolated compartments
	29-Dec-16 20:15:00	45	No	Isolated compartments
	29-Dec-16 20:30:00	46	No	Isolated compartments
	29-Dec-16 20:45:00	45	No	Isolated compartments
	29-Dec-16 21:00:00	46	No	Isolated compartments
	29-Dec-16 21:15:00	47	No	Isolated compartments
	29-Dec-16 21:30:00	46	No	Isolated compartments
	29-Dec-16 21:45:00	43	No	Isolated compartments
	29-Dec-16 22:00:00	44	No	Isolated compartments
	29-Dec-16 22:15:00	45	No	Isolated compartments
	29-Dec-16 22:30:00	44	No	Isolated compartments
	29-Dec-16 22:45:00	43	No	Isolated compartments
	29-Dec-16 23:00:00	42	No	Isolated compartments
	29-Dec-16 23:15:00	43	No	Isolated compartments
	29-Dec-16 23:30:00	43	No	Isolated compartments
	29-Dec-16 23:45:00	42	No	Isolated compartments
	30-Dec-16 00:00:00	42	No	Isolated compartments
	30-Dec-16 00:15:00	42	No	Isolated compartments
	30-Dec-16 00:30:00	42	No	Isolated compartments
	30-Dec-16 00:45:00	42	No	Isolated compartments
	30-Dec-16 01:00:00	41	No	Isolated compartments
	30-Dec-16 01:15:00	42	No	Isolated compartments



	30-Dec-16 01:30:00	41	No	Isolated compartments
	30-Dec-16 01:45:00	42	No	Isolated compartments
	30-Dec-16 02:00:00	42	No	Isolated compartments
	30-Dec-16 02:15:00	42	No	Isolated compartments
	30-Dec-16 02:30:00	42	No	Isolated compartments
	30-Dec-16 02:45:00	42	No	Isolated compartments
	30-Dec-16 03:00:00	42	No	Isolated compartments
	30-Dec-16 03:15:00	42	No	Isolated compartments
	30-Dec-16 03:30:00	42	No	Isolated compartments
	30-Dec-16 03:45:00	42	No	Isolated compartments
	30-Dec-16 04:00:00	41	No	Isolated compartments
	30-Dec-16 04:15:00	41	No	Isolated compartments
	30-Dec-16 04:30:00	45	No	Isolated compartments
	30-Dec-16 04:45:00	42	No	Isolated compartments
	30-Dec-16 05:00:00	42	No	Isolated compartments
	30-Dec-16 05:15:00	42	No	Isolated compartments
	30-Dec-16 05:30:00	41	No	Isolated compartments
	30-Dec-16 06:00:00	41	No	Isolated compartments
	30-Dec-16 06:15:00	42	No	Isolated compartments
	30-Dec-16 06:30:00	42	No	Isolated compartments
	30-Dec-16 06:45:00	41	No	Isolated compartments
	30-Dec-16 07:00:00	41	No	Isolated compartments
	30-Dec-16 07:15:00	41	No	Isolated compartments
	30-Dec-16 07:30:00	41	No	Isolated compartments
	30-Dec-16 07:45:00	41	No	Isolated compartments
	30-Dec-16 08:00:00	41	No	Isolated compartments
	30-Dec-16 08:15:00	41	No	Isolated compartments
	30-Dec-16 08:30:00	41	No	Isolated compartments
	30-Dec-16 08:45:00	41	No	Isolated compartments
	30-Dec-16 09:00:00	41	No	Isolated compartments
	30-Dec-16 09:15:00	41	No	Isolated compartments
	30-Dec-16 09:30:00	40	No	Isolated compartments
	30-Dec-16 09:45:00	40	No	Isolated compartments
	30-Dec-16 10:00:00	40	No	Isolated compartments
	30-Dec-16 10:15:00	40	No	Isolated compartments
	30-Dec-16 10:30:00	41	No	Isolated compartments
	30-Dec-16 10:45:00	40	No	Isolated compartments
	30-Dec-16 11:00:00	40	No	Isolated compartments
	30-Dec-16 11:15:00	40	No	Isolated compartments
	30-Dec-16 11:30:00	40	No	Isolated compartments
	30-Dec-16 11:45:00	40	No	Isolated compartments
	30-Dec-16 12:00:00	40	No	Isolated compartments
	30-Dec-16 12:15:00	40	No	Isolated compartments
	30-Dec-16 12:30:00	40	No	Isolated compartments
	30-Dec-16 12:45:00	42	No	Isolated compartments
	30-Dec-16 13:00:00	41	No	Isolated compartments
	30-Dec-16 15:45:00	40	No	Isolated compartments
	30-Dec-16 16:00:00	40	No	Isolated compartments
	30-Dec-16 16:15:00	40	No	Isolated compartments
	30-Dec-16 16:30:00	40	No	Isolated compartments
	30-Dec-16 16:45:00	40	No	Isolated compartments
	30-Dec-16 17:00:00	40	No	Isolated compartments
	30-Dec-16 17:15:00	40	No	Isolated compartments
	30-Dec-16 17:30:00	40	No	Isolated compartments
	30-Dec-16 17:45:00	40	No	Isolated compartments



[illegible]



[illegible]



SUNRAY PLANT		Downtime Reason Codes: IC - Instrument Communication Error; SD - Server Down		
Unit Number	Downtime Minutes for Quarter (July - Sept)	% Availability for Quarter	Downtime Minutes for Quarter (Oct - Dec)	% Availability for Quarter
U1MBF	3 minutes - IC	> 95%	0 minutes	>95%
U1EBF	0 minutes	>95%	0 minutes	>95%
U2MBF	9 minutes - IC	>95%	0 minutes	>95%
U2EBF	1 minute - IC	>95%	3 minutes - IC	>95%
U3MBF	11 minutes - IC	>95%	0 minutes	>95%
U3EBF	0 minutes	>95%	11 minutes - IC	>95%
U3PBF	127 min - IC	>95%	0 minutes	>95%
			0 minutes	>95%

# SUNRAY PLANT

Unit Number	Date/Time	Monitor Reading	Visible Emissions per Method 22?	Cause / Corrective Action
U1 MBF	08-Aug-16 12:30:00	41	No	Cleaned Lens
	08-Aug-16 12:45:00	41	No	Cleaned Lens
	08-Aug-16 13:00:00	45	No	Cleaned Lens
	08-Aug-16 13:15:00	52	No	Cleaned Lens
	08-Aug-16 13:30:00	51	No	Cleaned Lens
	08-Aug-16 13:45:00	47	No	Cleaned Lens
	08-Aug-16 14:00:00	74	No	Cleaned Lens
	17-Oct-16 10:00:00	43	No	Line Pressure Fluctuation
U1 EBF	12-Oct-16 16:15:00	58	No	Calibration
	12-Oct-16 16:30:00	54	No	Calibration
	12-Oct-16 16:45:00	56	No	Calibration
	12-Oct-16 17:00:00	49	No	Calibration
	14-Oct-16 07:15:00	42	No	Isolated Bagfilter Compartment
	14-Oct-16 07:30:00	51	No	Isolated Bagfilter Compartment
	14-Oct-16 07:45:00	56	No	Isolated Bagfilter Compartment
	14-Oct-16 08:45:00	41	No	Isolated Bagfilter Compartment
	14-Oct-16 16:45:00	48	No	Isolated Bagfilter Compartment
	14-Oct-16 17:00:00	42	No	Isolated Bagfilter Compartment
	14-Oct-16 17:15:00	42	No	Isolated Bagfilter Compartment
	14-Oct-16 17:30:00	46	No	Isolated Bagfilter Compartment
	14-Oct-16 17:45:00	47	No	Isolated Bagfilter Compartment
	14-Oct-16 18:00:00	49	No	Isolated Bagfilter Compartment
	14-Oct-16 18:15:00	44	No	Isolated Bagfilter Compartment
	14-Oct-16 23:15:00	40	No	Isolated Bagfilter Compartment
	14-Oct-16 23:45:00	40	No	Isolated Bagfilter Compartment
	15-Oct-16 00:00:00	41	No	Cleaned Lens
	15-Oct-16 00:15:00	42	No	Cleaned Lens
	15-Oct-16 10:30:00	47	No	Cleaned Lens
	15-Oct-16 11:00:00	42	No	Cleaned Lens
	15-Oct-16 11:15:00	43	No	Cleaned Lens
	15-Oct-16 11:30:00	42	No	Cleaned Lens
U2 MBF	01-Jul-16 10:30:00	58	No	Line Pressure Fluctuation
	02-Jul-16 04:15:00	43	No	Line Pressure Fluctuation
	05-Jul-16 02:00:00	48	No	Line Pressure Fluctuation
	05-Jul-16 02:15:00	48	No	Line Pressure Fluctuation
	07-Jul-16 08:00:00	52	No	Line Pressure Fluctuation
	11-Jul-16 08:00:00	41	No	Line Pressure Fluctuation
	12-Jul-16 08:00:00	55	No	Line Pressure Fluctuation
	19-Jul-16 08:30:00	56	No	Line Pressure Fluctuation
	21-Jul-16 09:00:00	51	No	Line Pressure Fluctuation
	28-Jul-16 02:45:00	44	No	Line Pressure Fluctuation
	19-Aug-16 14:45:00	59	No	Cleaned Lens
	19-Aug-16 15:00:00	57	No	Cleaned Lens
	19-Aug-16 15:15:00	65	No	Cleaned Lens
	19-Aug-16 20:15:00	47	No	Cleaned Lens
	26-Sep-16 10:30:00	45	No	Line Pressure Fluctuation



	25-Oct-16 00:15:00	41	No	Grade Change
	02-Nov-16 08:45:00	44	No	Grade Change
	03-Dec-16 01:45:00	41	No	Grade Change
	13-Dec-16 08:00:00	53	No	Grade Change
	14-Dec-16 06:30:00	57	No	Grade Change
	15-Dec-16 02:15:00	59	No	Grade Change
U2 EBF	06-Jul-16 16:45:00	48	No	Line Pressure Fluctuation
	06-Jul-16 17:00:00	51	No	Line Pressure Fluctuation
	06-Jul-16 17:15:00	44	No	Line Pressure Fluctuation
	06-Jul-16 17:30:00	43	No	Line Pressure Fluctuation
	06-Jul-16 17:45:00	46	No	Line Pressure Fluctuation
	06-Jul-16 18:00:00	42	No	Line Pressure Fluctuation
	06-Jul-16 18:15:00	41	No	Line Pressure Fluctuation
	07-Jul-16 18:00:00	42	No	Line Pressure Fluctuation
	07-Jul-16 18:15:00	58	No	Line Pressure Fluctuation
	07-Jul-16 18:30:00	66	No	Line Pressure Fluctuation
	07-Jul-16 18:45:00	62	No	Line Pressure Fluctuation
	07-Jul-16 19:00:00	52	No	Line Pressure Fluctuation
	07-Jul-16 19:15:00	48	No	Line Pressure Fluctuation
	19-Jul-16 17:30:00	40	No	Line Pressure Fluctuation
	19-Jul-16 17:45:00	44	No	Line Pressure Fluctuation
	19-Jul-16 18:00:00	47	No	Line Pressure Fluctuation
	19-Jul-16 18:15:00	40	No	Line Pressure Fluctuation
	20-Jul-16 16:45:00	42	No	Line Pressure Fluctuation
	20-Jul-16 17:00:00	48	No	Line Pressure Fluctuation
	20-Jul-16 17:15:00	47	No	Line Pressure Fluctuation
	20-Jul-16 17:30:00	52	No	Line Pressure Fluctuation
	20-Jul-16 17:45:00	54	No	Line Pressure Fluctuation
	19-Aug-16 16:45:00	41	No	Line Pressure Fluctuation
	19-Aug-16 17:00:00	45	No	Line Pressure Fluctuation
	19-Aug-16 17:15:00	52	No	Line Pressure Fluctuation
	19-Aug-16 17:30:00	47	No	Line Pressure Fluctuation
	19-Aug-16 17:45:00	60	No	Line Pressure Fluctuation
	19-Sep-16 15:30:00	43	No	Line Pressure Fluctuation
	19-Sep-16 15:45:00		No	Line Pressure Fluctuation
	19-Sep-16 16:00:00		No	Line Pressure Fluctuation
	19-Sep-16 16:15:00		No	Line Pressure Fluctuation
	23-Sep-16 17:15:00	43	No	Line Pressure Fluctuation
	24-Sep-16 16:30:00	42	No	Line Pressure Fluctuation
	27-Sep-16 15:15:00	43	No	Cleaned Lens
	27-Sep-16 15:30:00	52	No	Cleaned Lens
	27-Sep-16 15:45:00	66	No	Cleaned Lens
	27-Sep-16 16:00:00	67	No	Cleaned Lens
	27-Sep-16 16:15:00	60	No	Cleaned Lens
	27-Sep-16 16:30:00	58	No	Cleaned Lens
	27-Sep-16 16:45:00	41	No	Cleaned Lens
	27-Sep-16 17:00:00	40	No	Cleaned Lens
U3 MBF	19-Jul-16 08:00:00	48	No	Calibration
	20-Aug-16 05:30:00	41	No	Cleaned Lens
	20-Aug-16 05:45:00	52	No	Cleaned Lens
	20-Aug-16 06:00:00	48	No	Cleaned Lens
	20-Aug-16 06:15:00	43	No	Cleaned Lens
	20-Aug-16 06:30:00	41	No	Cleaned Lens



	20-Aug-16 06:45:00	43	No	Cleaned Lens
	20-Aug-16 07:00:00	45	No	Cleaned Lens
	20-Aug-16 07:15:00	48	No	Cleaned Lens
	20-Aug-16 07:30:00	48	No	Cleaned Lens
	20-Aug-16 07:45:00	44	No	Cleaned Lens
	20-Aug-16 08:00:00	45	No	Cleaned Lens
	20-Aug-16 08:45:00	42	No	Cleaned Lens
	20-Aug-16 09:00:00	41	No	Cleaned Lens
	31-Aug-16 10:45:00	48	No	Cleaned Lens
	26-Sep-16 10:00:00	52	No	Line Pressure Fluctuation
	30-Sep-16 06:00:00	41	No	Line Pressure Fluctuation
	30-Sep-16 06:15:00	41	No	Line Pressure Fluctuation
	30-Sep-16 06:30:00	41	No	Line Pressure Fluctuation
	30-Sep-16 06:45:00	47	No	Line Pressure Fluctuation
	30-Sep-16 07:00:00	42	No	Line Pressure Fluctuation
	30-Sep-16 07:15:00	46	No	Line Pressure Fluctuation
	30-Sep-16 07:30:00	57	No	Line Pressure Fluctuation
	07-Oct-16 06:00:00	47	No	Line Pressure Fluctuation
	07-Oct-16 07:00:00	43	No	Line Pressure Fluctuation
	07-Oct-16 08:00:00	46	No	Line Pressure Fluctuation
	08-Oct-16 02:45:00	41	No	Line Pressure Fluctuation
	08-Oct-16 03:00:00	40	No	Line Pressure Fluctuation
	08-Oct-16 04:00:00	43	No	Line Pressure Fluctuation
	08-Oct-16 04:15:00	41	No	Line Pressure Fluctuation
	08-Oct-16 05:45:00	40	No	Line Pressure Fluctuation
	08-Oct-16 06:00:00	41	No	Line Pressure Fluctuation
	08-Oct-16 06:15:00	43	No	Line Pressure Fluctuation
	08-Oct-16 06:30:00	42	No	Line Pressure Fluctuation
	08-Oct-16 06:45:00	42	No	Line Pressure Fluctuation
	13-Oct-16 01:15:00	40	No	Grade Change
	17-Oct-16 08:30:00	46	No	Nozzle Change
U3 EBF	09-Aug-16 10:15:00	54	No	Line Pressure Fluctuation
	09-Aug-16 10:30:00	57	No	Line Pressure Fluctuation
	09-Aug-16 10:45:00	41	No	Line Pressure Fluctuation
	23-Aug-16 06:45:00	102	No	Cleaned Lens
	23-Aug-16 08:30:00	63	No	Cleaned Lens
	23-Aug-16 08:45:00	81	No	Cleaned Lens
	23-Aug-16 09:00:00	66	No	Cleaned Lens
	23-Aug-16 09:15:00	53	No	Cleaned Lens
	23-Aug-16 22:45:00	44	No	Cleaned Lens
	23-Aug-16 23:30:00	43	No	Cleaned Lens
	23-Aug-16 23:45:00	65	No	Cleaned Lens
	31-Aug-16 10:30:00	42	No	Cleaned Lens
	31-Aug-16 10:45:00	51	No	Cleaned Lens
	31-Aug-16 11:00:00	55	No	Cleaned Lens
	24-Sep-16 12:45:00	54	No	Line Pressure Fluctuation
	14-Dec-16 20:30:00	41	No	Line Pressure Fluctuation
	14-Dec-16 20:45:00	49	No	Line Pressure Fluctuation
	14-Dec-16 21:00:00	58	No	Line Pressure Fluctuation
	15-Dec-16 08:30:00	51	Yes	Bag Leak/Compartment Isolated
	15-Dec-16 08:45:00	46	Yes	Bag Leak/Compartment Isolated
U3 PBF	13-Dec-16 17:00:00	73	No	Line Pressure Fluctuation